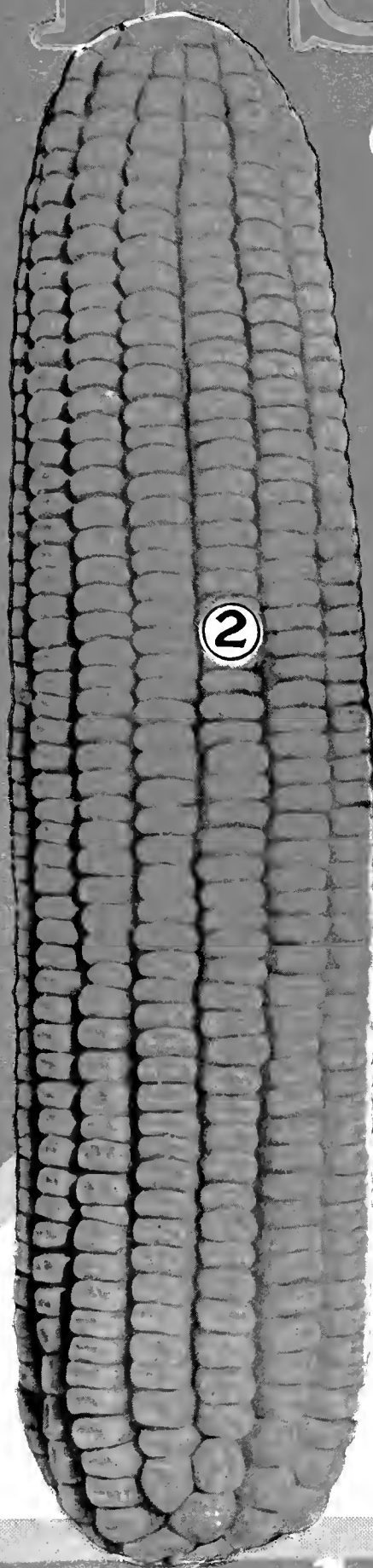


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Do not assume content reflects current scientific knowledge, policies, or practices.

TOP NOTCH SEEDS-



①



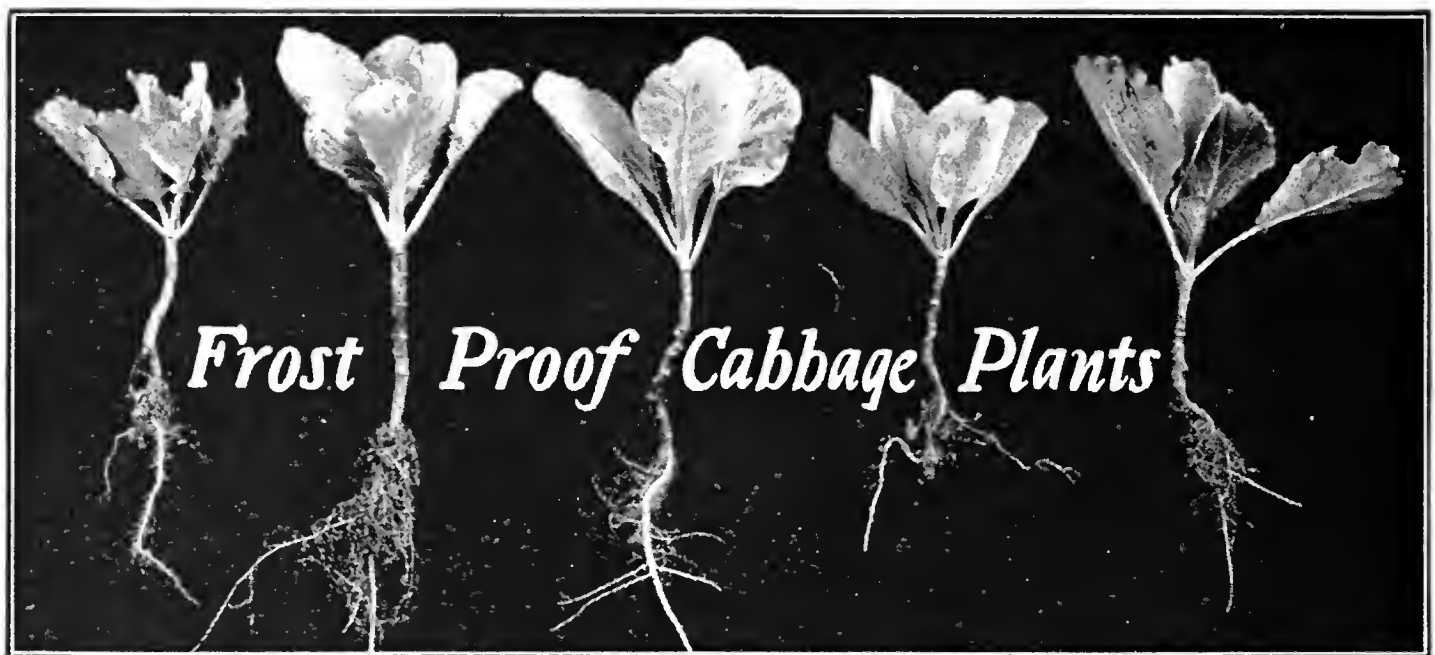
③

- ① R. H. Co.'s TOP NOTCH ALFALFA. Just what the name implies.
- ② R. H. Co.'s TOP NOTCH JARVIS GOLDEN PROLIFIC. Two- to five-ear variety.
- ③ R. H. Co.'s TOP NOTCH SUDAN GRASS. The quickest hay crop.
- ④ R. H. Co.'s PERRY COUNTY TOMATO. Wilt resistant, finest quality, continuous bearer.



④

1934
RUSSELL-HECKLE
 Seed Company
 MEMPHIS, TENNESSEE



R.-H. Co.'s Frost-Proof Cabbage Plants

These plants are grown in the open field during the fall and winter months, which causes them to make a slow, tough, hardy growth—so hardy that the outer leaves turn to a reddish brown. They can be shipped to distant points without danger of spoiling, and should be planted in the open ground from four to five weeks earlier than frame plants.

Orders filled from January 15th to April 1st. We do not advise planting later than this time.

The market gardener who grows cabbages for shipment on the market must have extra early maturing crops if he wishes to obtain the highest prices.

Orders for plants will be shipped in about four or five days after they are received, if weather conditions permit. If plants do not arrive as soon as you expect them you may know that conditions beyond our control are causing the delay.

No plants shipped C. O. D. We will mail these plants at the postpaid prices named below to any address in the United States, except the far West or far North, or will ship by express collect either from Memphis or from growing stations. All plants must be paid for in advance. Please do not ask us to break this very necessary rule.

No order filled for less than 100 of a variety.

VARIETIES AND PRICES. Jersey Wakefield, Charleston Large Wakefield, and Early Flat Dutch. Prices: parcel post paid, 100, 35c; 500, \$1.20; 1,000, \$2.00. Not postpaid, by express, from Memphis, 100, 25c; 500, \$1.00; 1,000, \$1.50. Prices F. O. B. growing station, express collect: 1,000, \$1.25. All prices on cabbage plants are subject to crop conditions and market changes.

R.-H. CO.'S BERMUDA ONION PLANTS

Plant in rows about 15 inches apart and 3 to 4 inches in the rows. Set them out in February, March or April.

Yellow or Straw Colored Bermuda Onion Plants

PRICES: postpaid, 100, 20c; 500, 60c; 1,000, 85c. Prices: not prepaid, from Memphis, 100, 10c; 500, 40c; 1,000, 60c.

Crystal White Wax Bermuda Onion Plants

PRICES: postpaid, 100, 20c; 500, 60c; 1,000, 85c. Not prepaid, 100, 10c; 500, 40c; 1,000, 60c.

Larger quantities quoted on Green Ink List. All prices on onion plants are subject to crop conditions and market changes.

Perry County Tomato Plants

The new wilt-resistant long time bearing tomato. A Southern variety that has continuous fruit from early spring until frost. Red in color, of medium size, flesh tender without any hard core. For a real cropping tomato of good quality, be sure to plant it. Strong plants ready April 5th. Dozen, 35c; 100, \$1.50. By mail, dozen, 45c; 100, \$1.75.

Beefsteak Tomato Plants

Similar to Ponderosa, but much smoother. A fine variety for home gardens, the fruit is very large, solid, bright rosy red of flesh; of fine sweet flavor. Very meaty with but few seeds. The vine is vigorous, very productive and ripens the fruits in about 110 days. Strong plants ready April 5th. Dozen 25c; 100, \$1.00. By mail, dozen, 35c; 100, \$1.25.



Bermuda Onion Plants.

R.-H. Co.'s Garden Plants

Beet Plants

Postpaid, 100, 40c; 500, \$1.50; 1,000, \$2.70. Not prepaid, 100, 30c; 500, \$1.25; 1,000, \$2.25.

Cauliflower Plants

Postpaid, 25, 35c; 100, \$1.00. Not prepaid, 25, 25c; 100, 75c; 500, \$3.00.

Celery Plants

Postpaid, 25, 25c; 100, 60c. Not prepaid, 25, 15c; 100, 50c; 500, \$2.00.

Eggplants

Postpaid, doz., 30c; 50, 65c; 100, \$1.00. Not prepaid, doz., 20c; 50, 50c; 100, 85c; 500, \$3.00; 1,000, \$5.00.

Lettuce Plants

Postpaid, 50, 25c; 100, 45c; 500, \$1.50. Not prepaid, 50, 15c; 100, 25c; 500, \$1.25; 1,000, \$2.00.

Pepper Plants

Postpaid, doz., 30c; 50, 65c; 100, \$1.00. Not prepaid, doz., 20c; 50, 50c; 100, 75c; 500, \$3.00; 1,000, \$5.00.

Tomato Plants

HOTBED OR SEEDLING STOCK. Postpaid, doz., 20c; 50, 40c; 100, 60c; 500, \$2.00. Not prepaid, doz., 10c; 50, 25c; 100, 40c; 500, \$1.75; 1,000, \$2.50.

TRANSPLANTED, HOTBED GROWN. Postpaid, doz., 30c; 50, 70c; 100, \$1.00; 500, \$3.90. Not prepaid, doz., 20c; 50, 50c; 100, 75c; 500, \$3.50; 1,000, \$6.00.

Certified Sweet Potato Plants

NANCY HALL and PORTO RICO. Not prepaid, 500, \$1.50; 1,000, \$2.50; 5,000, \$10.00; f. o. b. Memphis. Prices subject to market changes.



Tomato Plant.

Memphis, Tenn.

[illegible]

Free Flower Seed With any cash order at catalog prices for Garden and Flower Seeds, excepting on any collections to the value of \$1.00 or more, we will send you FREE five 5-cent packets of Flower Seed. Make your selection, or we will do it for you.

With any cash order at catalog prices for Garden and Flower Seeds, excepting on any collections to the value of \$1.00 or more, we will send you FREE five 5-cent packets of seeds, or we will do it for you.

TOTAL

Be sure your order is complete before you mail it. Order Garden Seeds enough to plant in succession and make your garden produce continuously throughout the season. Include flower seeds and bulbs for the enjoyment of your family.

OUR 1934 ANNUAL CATALOG



In serving the Farmers, Gardeners and General Public, we have always kept before us the importance of high quality. Our stocks are raised for us by the most dependable growers in the climate where they succeed best. Careful germination tests are made on all seeds before they are accepted, and during the summer months the checking of growing crops for purity and trueness is given our close attention. Sow Russell-Heckle's Top Notch Seeds to avoid failure.

PRICES

The prices we quote on vegetables and flower seeds will hold good as long as stocks last. The prices on all farm seeds, grain, etc., are those ruling January 2nd, 1934, and are subject to market changes. As far as possible we will fill all orders for such seeds in full, but if market values will not permit this we will send all that money remitted will pay for.

NON-WARRANTY

Russell-Heckle Seed Company gives no warranty, express or implied, as to description, quality, productiveness of any seeds, plants, bulbs or nursery stock they send out, and they will not be in any way responsible for the crop.

IN EXPLANATION

Most of the failures with seeds, plants, bulbs, etc., are due to unfavorable weather or soil conditions, too deep or shallow planting, etc., all causes beyond our control; therefore it is impossible for us to guarantee success.

But you can take our seed home, examine them, test them, call in your County Agent, and if our seeds are not as represented, return them at once, and we will cheerfully refund your money.

RUSSELL-HECKLE SEED CO.

Sales Department, 26 South Front St.
Wholesale Warehouse, Linden Station
Memphis, Tenn.

January 2nd, 1934

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The Best of Each Variety

The breeding of cotton seed is a most interesting study. Remarkable changes in type have been effected since the advent of the boll weevil made necessary earlier and earlier maturity, lighter foliage, smaller stalks, etc. These improvements are constantly going on, and new varieties and types are continually being developed.

We keep constantly in touch with this work all over the South, and as soon as a new variety has proven its worth and its seeds are available in commercial quantities, we offer them to our customers. We buy from breeders direct, and from growers who get breeders' stock and plant an entire plantation in one variety, and gin on their own private gin. (Note—Half and Half cotton is an exception to this general rule, as all of it is produced by relatively small farmers who gin on a community gin.

Machine Culled, Graded and Cleaned

After trying out all the cotton seed cleaners on the market, we felt better work could be done and built one of our own. Results have justified the expense. We take out hulls, loose cotton, trash, dirt, light weight immature seed. You would be amazed at what we remove from a ton of seed, even when the seed look very clean at first glance.

Therefore, the seed we ship are plump, full weight, uniform seed, clean of all trash; easy to plant, no clogging of planter, which means a uniform stand of strong, vigorous plants (plump heavy seed produce strong plants, light weight seed produce weak, sickly plants, and we remove them). Our culled and graded seed require less seed per acre to obtain a stand, which is a saving, and they produce more cotton per acre, which means more profit to you.

Test For Germination

Germination tests are made on all our seed before shipping, and a careful record kept. We offer no seed to anyone that we haven't every reason to believe is right. We do not leave such matters to chance.

Missdel No. 3—Succeeds No. 1

This variety has all the good characteristics of the Missdel No. 1 which made such a record for 3 years, and a lot more beside. For the Delta Planter who wants extra staple length it is the safest bet of all, makes a good crop every year, with weevils and with unfavorable cotton weather. It is an easy cotton to pick and a big yielder every year (bale per acre on 1,000 acres this year) bringing a big premium over short cotton prices. As high as 17 cents in October, 1933 and lots of it 14 to 15 cents when short cottons were 8 to 10 cents a pound. Think what extra profit to the grower!

Type, semi-dwarf, light foliage; big boll, 60 to 65 per pound; lint 32% to 34%, 1 3/16 to 1 1/4 inches full. Maturity, the earliest of all staples of equal length. Storm resistance good.

Missdel No. 4—Succeeds No. 2

Type, dwarf and very hardy, and just about the earliest cotton grown. This variety on heavy black land will get off quicker than any other cotton, and because it has such a small stalk that the sun can get into, it matures "right now".

The boll is not so large as No. 3, about 70 to 75 to the pound, storm resistance is good, its lint percentage on Delta land runs 34 to 36 (better than thirds itself). And on hill land it has run 36% to 39%, think of it! Length of staple on Delta soil 1 1/8 to 1 3/16 inches and in hill land 1 inch to 1 3/32 inches. The picking qualities have been much improved over Delfos 6102 from which it was developed. The originator of the famous Delfos cottons, speaking at the Station 2 years ago, said Missdel No. 4 was the greatest cotton he had seen.

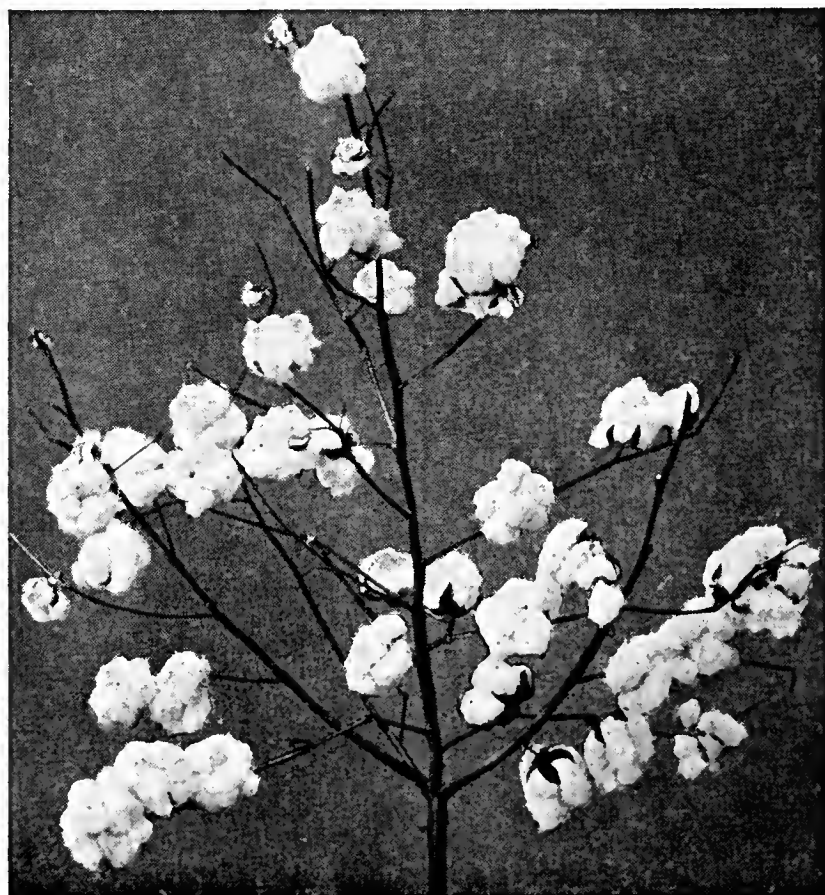
Missdel No. 4 has made more cotton per acre on large acreage than any other cotton known of the same length.

Cokers Foster 6

One of the most popular staple cottons bred by Coker Pedigreed Seed Farms. If your land grows too much weed, try this cotton, it makes a very small stalk. Very open growing, small leaves, very early maturing. Bolls large, 68 to 70 to the pound, are long ovate, slightly pointed, open out wide and fluffy, picking quality good, staple 1 1/8 in. to 1 3/16 in. A wonderful producer.

COTTON SEED PRICES

All cotton seed described are quoted in our Green Ink List.



Missdel No. 4 Cotton.

OUR COTTON SEEDS ARE PURE AND RECLEANED.

Delfos No. 531

This cotton is an extremely early maturing variety, quite similar to Missdel No. 4. Both are developments from the original Delfos 6102. It is one of the most prolific bearers ever developed, and one of the most successful cottons under boll weevil conditions. Foliage is light, plant is medium, vigorous and spreading. Bolls 75 to 80 to the pound. Lint percentage 32 to 34. Lint length on valley land 1 5/32 to 1 7/32, and on hill land 1 3/32 to 1 5/32.

Wilds No. 4

About the longest staple on the market, running 1 1/4 to 1 5/16 inches. Last October (1933) 200 bales of this variety brought over 18c, a premium of about ten cents per pound, and the yield was over three quarters of a bale per acre. Think of it!

The original Wilds No. 1 was an excellent cotton but too late. Wilds No. 4 is very much earlier, as shown by yields obtained everywhere. Stalk is semi-dwarf, spreading, open; bolls very large, 58 to 60 to the pound, 33 to 34 lint percentage, picking quality good, storm resistance excellent.

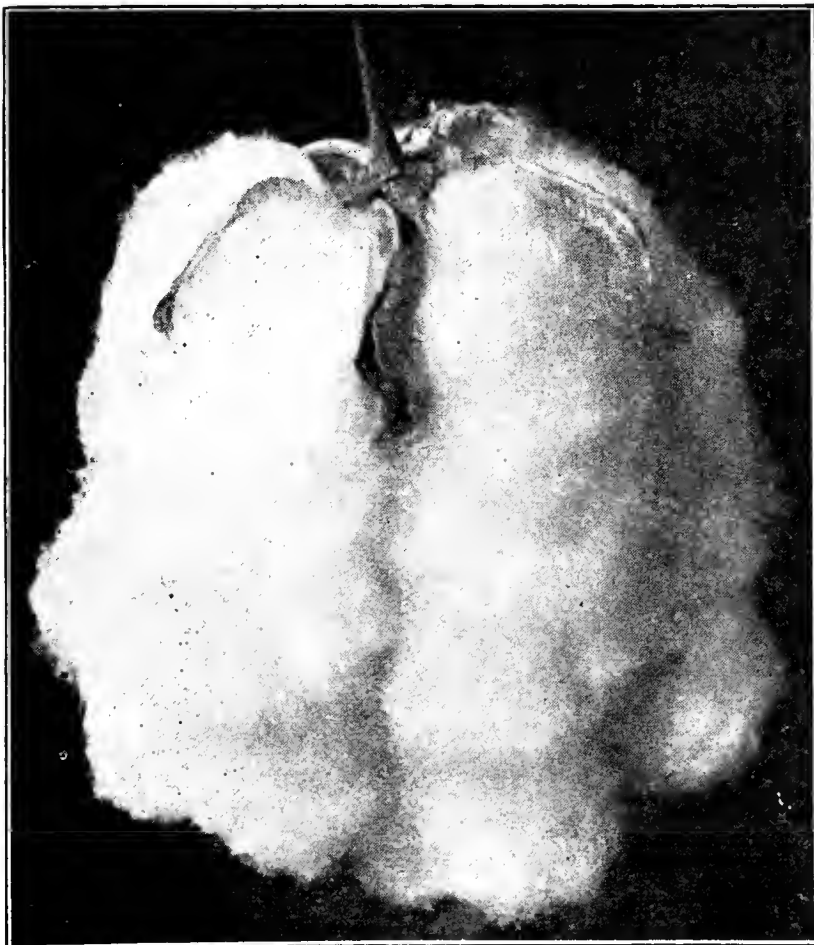
D. P. L. No. 10

This is the best of all the D. P. L. strains in our opinion, and this is proven by various Experiment Station tests. It is earlier than D. P. L. 4-8, more uniform in type, and more productive in the field. The plantation that produced our stock averaged a bale per acre on around 800 acres. That is real evidence of the value of D. P. L.-10.

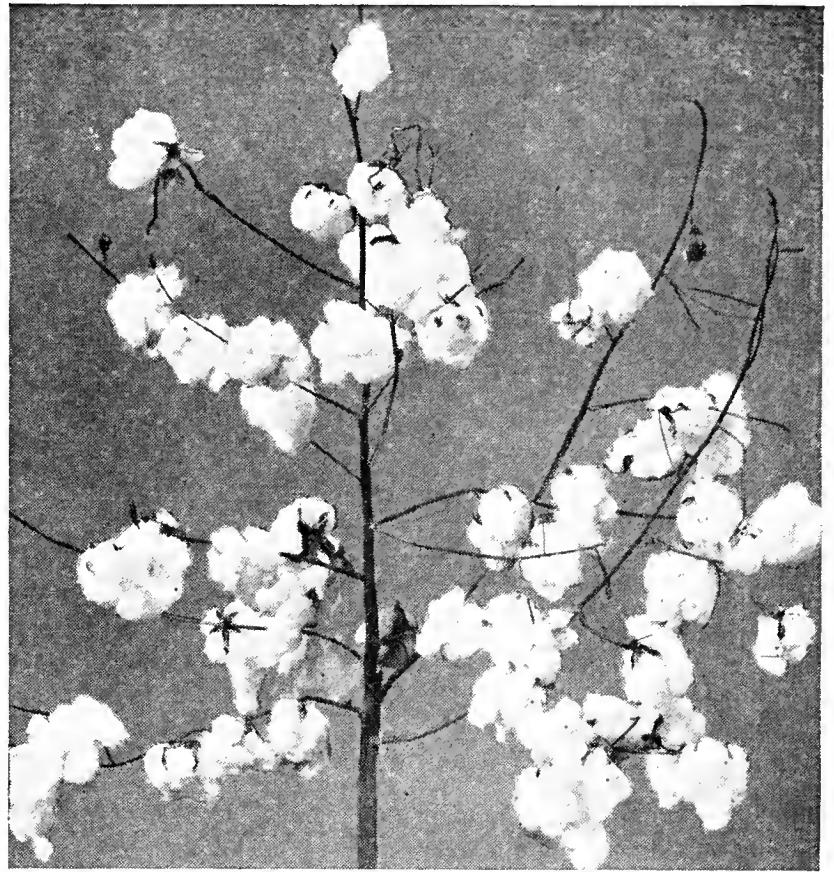
D. P. L.-10 turns out well at the gin, 36% to 38%, and we have heard of 40% turnout. It pulls 1 inch to 1 1/16 inches. Picking qualities are excellent and the storm resistance is extra good. Bolls are large, 65 to 75 to the pound. The plant is vigorous and spreading.

Stoneville No. 1

This has proven an ideal cotton on both sides of the river. Very early maturing, extra large bolls, 55 to 65 to pound. Easy to pick, but good storm resistance, lint percentage 33% to 36%, staple 1 1/16 to 1 1/8 inches. Wonderful crops of this cotton have been reported everywhere. You can see from description above why it is so popular. Further, the stalk is not large, but very dwarfy and stocky, and a very prolific yielder.



D. P. L. No. 10 Cotton.



Acala 37 Cotton.

Stoneville No. 2

This is a more vigorous and spreading plant than No. 1, but also a very early cotton. Bolls not quite so large but still large. Picks well, and has very good storm resistance. Lint percentage 34% to 36%, and length of staple 1 1/32 to 1 3/32 usually.

Acala 37

This is the best of the Acala cottons, and in Arkansas, Oklahoma and Missouri has made an enviable record. It is a 1 1/32 to 1 1/2 inch cotton, with an exceedingly silky, strong fibre that cotton mills want, and therefore, it is easily sold.

Acala 37 has a big boll. Lint percentage runs usually 33 to 36 percent. Easy to pick but storm resistance is good, and it has been exceptional as a drought resister. The stalk is vigorous, and we think gives best results on uplands and sandy or clay loams.

Rowden 40

Rowden cotton has been known for 25 years, but the strain 40 is a distinct improvement developed at the Cotton Experiment Station in Arkansas. It has a very large round boll, very popular with pickers. Lint outturn averages 35%. Staple 1 1/16 inches. Early maturity, storm resistance good. A prolific yielder, and particularly desirable where cotton wilt is present, as it is highly wilt resistant.

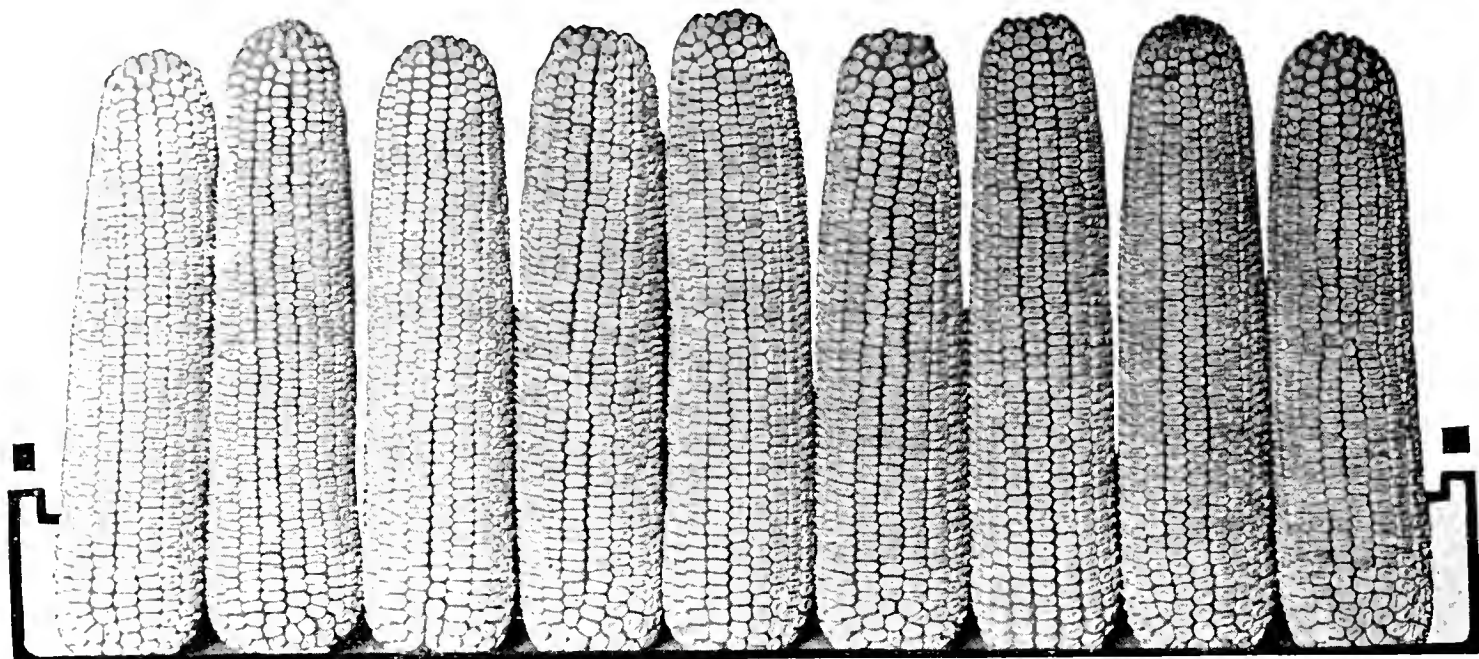
Half and Half

Probably the most "cussed out" cotton known. Cotton mills claim it is too short and brittle to be desirable. However, year after year, farmers demand this variety, and make a good living out of it, receiving almost as much per pound as for other short cottons, and a whole lot bigger turn-out at the gin. The originator claims from 45% to 51% lint.

Unless you buy direct from the originator whose price is \$6.50 per cwt. today, January 5th, 1934, you can only obtain Half and Half ginned on public gins because it is almost entirely raised by small farmers. We pick only the best we can find, demanding gin records to show how it turns out, and turn down much more than we buy. All other cottons we can furnish privately ginned, but you can't do this on Half and Half.

COTTON SEED PRICES

All cotton seed described above are quoted in our Green Ink List.



R.-H. Co.'s Top Notch Mosby's Prolific.

Russell-Heckle's Field Seed Corn

Plant corn suited to your locality. Seed corn produces best results when planted under similar climatic and soil conditions under which it was originally raised. Our seed corn is grown by expert growers in the localities where each variety is at its best. The science of corn breeding develops more every year, and our seed is grown by men informed on the newest and most successful methods of breeding. With corn, as with other crops, no one variety has all the good qualities. No one variety is best for all soils and conditions. It is necessary, therefore, that we endeavor to supply each of our customers with the very best seed of the variety which is best adapted to his requirements. We have found that, as a rule the Southern varieties give the best yields in our territory, but for those who want quicker action we are prepared to supply the best Northern and Western varieties.

R.-H. Co.'s Top Notch Corns

are selected by experienced people with the utmost care from high-yielding fields, are nubbled, tipped, graded and cleaned. Our sole purpose in spending so much time and labor on the selection of these seeds is to make them a superior seed stock. If you are seeking the best in seeds, order our Top Notch grade—you will be rewarded when you gather your crop.

WHITE VARIETIES

R.-H. Co.'s Top Notch Mosby's Prolific

One of the most prolific corns in existence; the stalks are tall, bearing 2 to 5 fine ears. The grains are long, set close to a small white cob, very uniform in shape, well filled. Another important feature of this fine corn is its abundant foliage, which renders it superior to most sorts for ensilage purposes. This is a southern corn, and is recommended for general crop. It is pearly-white, small cob, deep full grain, neither too hard nor too soft. Matures in 110 to 120 days. **Postpaid, 1 gallon, 60c. Not prepaid, 1 gallon, 40c.**

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Hastings' Prolific

It will make two ears to the stalk on average land, and if planted 24 to 30 inches apart in the row on good strong land, four to six ears to the stalk can be had. The ears are well filled at both ends; the cob is small; the shuck is heavy and covers the ear tightly, protecting it from birds and insects. Matures in 120 to 130 days. **Postpaid, 1 gallon 60c. Not prepaid, 1 gallon 40c. Quantity Prices on Green Ink List.**

Standard White Varieties of Top Notch Grade Seed Corn

	Gallon Postpaid	Gallon Not Postpaid
NORTH CAROLINA PROLIFIC	\$0.60	\$0.40
GOURD SEED WHITE RED COB.....	.70	.50
SILVER MINE .....	.55	.35
EARLY WHITE 90 DAY .....	.55	.35
ST. CHARLES WHITE RED COB.....	.55	.35
TAIT'S EARLY WHITE DENT .....	.60	.40

Quantity prices given on our Green Ink List.

R.-H. Co.'s Top Notch Woodruff Mosby

This is a selection from the original Mosby Prolific, and is a splendid general purpose corn. Woodruff Mosby has a tiny white cob, and an extra long deep white grain, which is the ideal type grain. Woodruff Mosby is about 115 days in maturing, makes two to three ears to the stalk, which shell out very heavily, and is a big producer. **Postpaid, 1 gallon, 60c. Not prepaid, 1 gallon, 40c.**

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Hickory King

The grain is so wide and deep and the cob so small that often a single grain will cover the end of a broken cob. It has been called the Poor Man's Corn because it can be depended upon to produce a crop on poor, thin land. On good land it bears two ears to the stalk. **Postpaid, 1 gallon, 65c. Not prepaid, 1 gallon, 45c. Quantity Prices on Green Ink List.**

Semesan Jr.

Corn Disinfectant

is used as a dust disinfectant to control the ear, root and stock rots of corn. In tests conducted in both Illinois and Iowa by the Federal and State governments, **SEMESAN JR.** increased yields from diseased seed by varying amounts up to 38%.

SEMESAN JR. is applied only as a dust, at the rate of three ounces per bushel of seed. The cost therefore is only about 5c an acre of field corn. Send for **SEMESAN JR.** Corn Pamphlet with full directions. Price, 4-oz. tin, 40c; 1-lb. tin, \$1.50; 5-lb. tin, \$7.00. Cannot be mailed.



R.-H. Co.'s Top Notch Silver Mine.

OUR GREEN INK LIST GIVES PECK AND BUSHEL PRICES ON SEED CORN.

R.-H. Co.'s Top Notch Paymaster

We indorse this corn as one of the most satisfactory and heavy yielding corns for the southern farm. Its origin is southern, its reputation is southern and its nature southern. And it produces two ears to the stalk. Matures in about 110 days. The cob is small, has well-filled butts and tips. The grain is deep, white, the cob is bright red, the type is standard and popular. **Postpaid, 1 gallon, 60c. Not prepaid, 1 gallon, 40c.**

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Tennessee White Red Cob

An extra large field corn; grains long, white, broad and evenly lined on large red cob. The ears of this sort will run from 9 to 12 inches long and have from 18 to 20 rows. The stalks grow from 8 to 12 feet high, are broad, strong and short-jointed, it makes one of our best ensilage corns. Matures in 120 days. **Postpaid, 1 gallon, 60c. Not prepaid, 1 gallon, 40c.**

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Native Bloody Butcher

Yields fine on good land, and the best poor land corn we know; stands summer droughts extra well. Our grower has field selected for years so that ears almost all hang down, avoiding weather damage and bird damage. Matures in about 120 days.

Deep all-red grains, ears 10 to 11 inches long, 14 to 18 rows of kernels, one and two ears to stalk. We recommend this corn. Try it. **Postpaid, 1 gallon, 70c. Not prepaid, 1 gallon, 50c.**

Quantity Prices on Green Ink List.



R.-H. Co.'s Jarvis Golden Prolific.

R.-H. Co.'s Top Notch Jarvis Golden Prolific

This is one of the finest corns for this section on our list. A natural drought resisting variety, one of the few varieties of Yellow Corn that produces more than one ear. It is just hard enough to withstand any kind of weather in the fall. Crops have been left in the field until early spring and then came out good, sound corn.

A native southern Yellow Corn, carefully bred, and one that bears two good ears to the stalk. The stalk is rather dwarf, 6 to 8 feet high, and does not fall down in stormy weather. Grains are bright golden-yellow; ears are firm and solid, about 7 to 10 inches long. The grain is medium in size. This is a very productive and desirable variety, and is drought resistant.

Our seed is all carefully selected. It will please you.

Postpaid, 1 gallon, 65c. Not prepaid, 1 gallon, 45c.

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Mexican June Corn

Our native grown selected strain. This dependable variety, largely planted late in the spring throughout the entire Cotton Belt, originally came from Mexico. It is largely used for planting after oats and wheat. Can be planted as late as August 15th with good results. The stalks are usually short, although early plantings make stalks 12 to 15 feet high, leaves 4 to 6 feet long. The roots run deep and spread, so that it is a splendid drought resister. Ears 8 to 9 inches long, grains short to medium, cobs medium in size, and while usually white, occasionally you'll find a red cob and some blue grains. This apparent mixture of color is peculiar to many varieties of Mexican corn. **Postpaid, 1 gallon, 70c. Not prepaid, 1 gallon, 50c.**

Quantity Prices on Green Ink List.

Pop Corn

See Page 26 for List and Prices.



R.-H. Co.'s Top Notch Native Bloody Butcher.

Standard Yellow Varieties of Top Notch Seed Corn

	Gallon Postpaid	Gallon Not Postpaid
EARLY YELLOW 90 DAY	\$0.55	\$0.35
GOLD MINE .....	.55	.35
TENN. MAMMOTH YELLOW DENT..	.70	.50

Peck, Bushel, and Two-bushel Prices Quoted on Green Ink List.

Hand Corn Planters

Especially desirable for replanting corn, etc. They can be set to plant two to six grains in a place as required; simple and easy to operate.

PRICE. One-hand planter \$1.75 each; two-hand planter, \$1.35 each, f. o. b. Memphis.

How to Measure Corn in the Crib

This will apply to crib of any kind. Three cubic feet of sound dry unshucked corn in the ear will make a bushel.

To get the quantity of shelled corn in a crib of corn in the ear, measure the length, breadth and height of the crib inside of the rail, multiply the length by the breadth and then multiply the product of these two dimensions by the height; then divide the product by three and you will have the number of bushels in the crib.

2½ cubic feet of corn without shucks, equal one bushel of ear corn.

5 PACKETS OF FLOWER SEEDS **FREE**

With any order to the value of \$1.00 or more at catalog prices we will send you FREE 5 packets of Flower Seeds, 5c size, your selection, or we will select them for you. Please state if you want the free Flower Seeds.



Russell-Heckle's Farm Seeds

TOP NOTCH QUALITY SEEDS MEAN BETTER CROPS

The most vital need of those who depend for their living on the products of the soil is pure seed, not mixed with noxious weed seed, and of high germinating quality. Our Top Notch brand was originated to designate seed stocks filling just that need, and their dependability is responsible for their popularity.

Top Notch brand on the seed you plant means bigger crops and more profit to you. To use it means satisfied customers who tell their friends about us, which in turn means more friends for us. It's an endless chain, and Top Notch Seeds form the links.

Alfalfa



The crop that pays constant dividends, and at the same time builds soils.

Alfalfa is one of the few crops that cannot be over-produced. It stands for years, yields several cuttings a season and makes a hay about as high in protein as wheat bran; it more nearly approaches perfection as a forage crop than any one other crop. When fed with a grain ration, it supplies the protein necessary for a balanced food. For dairy, breeding and fattening cattle, hogs and sheep, it is the ideal hay. As a soil builder, it is claimed that it adds more than twice as much ammonia or nitrogen to the soil as red clover. Alfalfa does not ask the farmer to buy expensive nitrogen, but gets all it needs from the air and stores it in the land to make bigger the crops that follow it.

PREPARATION OF SOIL. Good loam or clay soil with natural or artificial drainage, with no hardpan underneath, will grow Alfalfa when properly prepared, and proper and thorough preparation is a prime necessity for a uniform heavy stand. Where the soil is acid, and that is the case in most instances, liming is necessary.

CULTURE. The seed may be sown broadcast or in drills and covered one inch. If sown broadcast, use 20 to 25 pounds of seed per acre. Sowings made in the spring, March and April, or in the fall, September and October, are successful.

FERTILIZING. Use three tons of ground limestone where lime is needed, broadcast to each acre. Applying a coat of well-rotted stable manure will be beneficial. If you have tried Alfalfa, and it died out, it was on account of need of these fertilizers.

INOCULATION. The cost of inoculation per acre is so small that the increased yield will repay it many times.

Use either Nitragin or Humogerm cultures, which you will find described and quoted elsewhere in this catalog.

WHY INOCULATE

Inoculation of your seed before planting will give you a much stronger and quicker growth, producing a greater tonnage of hay. The cost of inoculation per acre is so small that the increased yield will repay it many times.

The big benefit comes in the value added to your land. The roots of the Alfalfa are the home of the inoculated bacteria, that draw the fertility-building nitrogen from the air and store it in swellings on the roots called nodules. These nodules not only feed nitrogen to the plant, but rot away in the ground to supply valuable nitrogen to all future crops of all kinds.

R.-H. Co.'s Top Notch Hardy Northwestern Alfalfa

The Northwestern states, like Idaho and Utah, produce a very hardy type of Alfalfa, due, naturally, to the severely cold winters that Alfalfa must weather there each year. Our Top Notch Northwestern Seed represents our choice of the stocks produced there, based on purity and growth. Such seed costs more than seed produced farther south, but the man who buys Top Notch Northwestern Alfalfa will get full value for every dollar spent. 1 lb., 35c, postpaid. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Western Alfalfa

This seed is produced in the West farther south than Idaho and Utah, and our stock this spring is the latest crop of highest germinating strength and tested 99.60 per cent pure, which is very, very fine. We have sold thousands of pounds of this seed throughout the South where it has given splendid results. It costs less because it is not so difficult to produce as seed in the more northern states. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Dakota Alfalfa

Practically every pound of this strain of Alfalfa was exhausted last year because of the enormous demand for the seed. This is the best evidence we can offer of its true value. South Dakota is the home of this Alfalfa, where the temperature drops way down below zero every winter. Seed that withstands such a severe test as that can readily be seen to have outstanding advantages. We have never sold Dakota No. 12 Alfalfa to any man who expressed other than extreme pleasure over results. An exceptionally productive Alfalfa. 1 lb., 40c, postpaid. Not prepaid, 1 lb. 30c.

Quantity Prices on Green Ink List.



Same field of Lespedeza Sericea at two stages of growth.

LESPEDeza SERICEA, the New Perennial Lespedeza

is wholly a new type of Lespedeza, having an enormous root system that not only enriches the soil, but lives throughout the winter and starts the new crop from the old stubble in the spring, and multiplies rapidly when mowed or grazed off. Two cuttings of hay and a seed crop may be obtained each year, as high as four tons of dry hay in one season, the equal of alfalfa in feeding value. The plant is extremely leafy. **SERICEA** will grow apparently anywhere in the United States on almost any type of soil without liming or any kind of treatment. It is now growing on sour soil, on white buckshot and on poor sandy soil. For largest yield of seed, sow in three foot rows about three pounds of scarified seed per acre, cultivate to keep weeds down. Seed bed should be very firm and seed covered very lightly, then rolled for best results. Yields 300 to 400 pounds seed the first year and around one thousand pounds thereafter.

For Prices see Green Ink List

Kobe Lespedeza

A new and improved type of Lespedeza which grows much ranker and has larger leaves and slightly coarser stems. It has been known to grow 38 inches tall, but usually about 2 to 2½ feet. Possibly due to its rank growth, completely shading the ground and thus retaining moisture, it is much more resistant to dry weather and comes through a drought when common Lespedeza burns up. An excellent variety for pasture and hay and a great improvement over the common Lespedeza. 1 lb., 35c, postpaid. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

Tennessee Station No. 76 Lespedeza

This variety is similar to the common or wild variety, except that it is taller and more upright in growth, holding all the branches off the ground, even when the plants stand alone. It is finer stemmed than Korean or Kobe, and grows to the height of nearly three feet under favorable conditions. It blooms slightly later than Kobe and considerably later than Korean or common. The hay yields made on the West Tennessee Experiment Farms are larger than those of the other varieties. 1 lb., 35c, postpaid. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

Red Clover

This is regarded as the most valuable of the Clover family. Cut for hay or plowed under it adds fertility to the soil. Sow in March, April or in fall, broadcast 10 pounds of seed to the acre. 1 lb., 40c, postpaid. Not prepaid, 1 lb., 30c.

Quantity Prices on Green Ink List.

Alsike or Swedish Clover

Alsike Clover grows thicker than Red Clover. It succeeds on a variety of soils, light upland loamy lands as well as stiff, wet bottom lands. Sow in March, April or in fall, 8 lbs. to the acre. 1 lb., 40c, postpaid. Not prepaid, 1 lb., 30c.

Quantity Prices on Green Ink List.

White Dutch Clover

White Dutch Clover is used principally for lawns, a small proportion in permanent pasture. Sow either in the spring or fall. When sown by itself, sow 5 to 6 pounds per acre. 1 lb., 50c, postpaid. Not prepaid, 1 lb., 40c.

Quantity Prices on Green Ink List.

Standard Varieties of Clover Seed

	Sow to Acre	Time to Sow	Price lb. Postpaid
CRIMSON CLOVER..	15 lbs.,	August and September	25c
HOP CLOVER.....	10 lbs.,	Feb., Mar. and Sept...	55c
BURR CLOVER.....	30 lbs.,	August and September	25c
BLACK MEDIC.....	20 lbs.,	March and April.....	80c
MAMMOTH SAPLING	10 lbs.,	March and April.....	50c
Not prepaid 10c less per lb.			



Korean Lespedeza

The earliest of the annual Lespedezas comes up early in the spring and grows rapidly, furnishing much earlier pasture than any other variety. The leaves are larger than common Lespedeza, and more rounded. Begins flowering in July, the flowers crowding near the ends of the branches, as distinguished from other varieties, which have flowers scattered along the stems. Korean is especially suited for a short growing season. The seed ripens in September. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

Common Lespedeza or Japan Clover

Grows practically anywhere. Sow 1 bushel per acre in February, March, April, broadcast on good seed bed. Makes splendid pasture and fine hay. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c. Quantity Prices on Green Ink List.

White Sweet Clover or Melilotus

As a land builder it has few equals. Does well on soils containing lime. It resembles Alfalfa both as to appearance and habit of growth when young; however, it grows much larger than Alfalfa, often 4 to 6 feet high. Valuable as a pasture and, in spite of its bitter taste, stock learn to like it. Sow early in the spring or fall at the rate of 15 to 25 pounds per acre. 1 lb., hulled and scarified seed, 25c, postpaid. Not prepaid, 1 lb., 15c. Quantity Prices on Green Ink List.

Yellow Blossom Sweet Clover

The Yellow Blossom type is very similar to that of the White Blossom. For those who wish to use Sweet Clover for pasture, hay and bee purposes, we would advise the use of the Yellow Blossom type. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c. Quantity Prices on Green Ink List.

INOCULATE

Be sure to inoculate all clovers and the kindred plants on this page with either **Nitragin** or **Humogerm**. You are sure to make a catch of that particular crop and at the same time you get a larger yield.

FREE Garden Trowel FREE

With any cash order for garden and flower seeds at catalog prices to the value of \$2.00 or more we will send you free a Hand Garden Trowel. A well-made, serviceable necessity in garden work.

Russell-Heckle's Grass Seed

How to Plant

In planting grass seeds the land should first be thoroughly cultivated and pulverized. The seed may then be scattered by hand or with a hand-seeder, such as described in this catalogue. A harrow or rake should then be used, which will mix the seeds with the soil so they will be covered about one-quarter inch deep. If not convenient to sprinkle, the planting should be done when there is a good season in the ground, and land rolled or dragged after harrowing. This will pack the soil so the moisture will be saved from evaporation and thus cause the seed to germinate, and to nurture the grass until it establishes a good root system.

Sudan Grass

A Wonderfully Quick-Growing Summer Hay Grass

Yields two or more cuttings to season. Makes a bigger and better crop than Millet. It stools out wonderfully after the first cutting. Stock eat it up clean, blades, stalks and heads. A wonderful summer catch crop for hay. A sure hay crop in a dry season. Ready to cut in about 45 days after the first cutting.

Sow it after the ground becomes thoroughly warm, say after corn planting time. It may be sown either with a grain drill or in rows two feet apart, and cultivated like corn. When sown in rows it grows 6 to 7 feet high; when sown broadcast the hay is finer and rather better than when grown in rows. Cut when in bloom, for at that stage the feeding value is highest, yet there are few grasses so little injured by standing beyond the proper stage for cutting.

Sow 6 to 8 pounds to the acre in 2-foot rows; 25 to 30 pounds broadcast. By mail, 1 lb., 18c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

Orchard Grass

A most valuable grass for pasture and hay lands and on account of its earliness very valuable for permanent pastures, as it furnishes the first green bite in the spring and the last in the fall; is quick to recover from close cropping and even thrives better the more it is cropped. Gives rich pasture till late in the fall. It will stand the drought. It is well suited for shady places, such as orchards and groves. Richer feed than Timothy and outlives it. Sow 21 pounds per acre. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

Carpet Grass

Easily Eradicated by Plowing.

Grows practically anywhere over the South where temperature does not go below ten degrees above, thrives vigorously on any kind of soil if moisture conditions are favorable; even on acid soils and poor sandy soils. Equal in feeding value to Bermuda. May be grazed both earlier in spring and later in fall than Bermuda; stands close grazing and heavy trampling. In fact spreads more rapidly with close grazing. Sow 10 to 15 pounds per acre for pasture. Add 5 lbs., Lespedeza per acre to all Carpet Grass pastures. On golf courses, parks, lawns, sow 20 to 30 pounds per acre. Makes a thick leafy sod that improves with close cutting. Sow spring and summer. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

Dallis Grass

Is a perennial, will grow 3 to 5 feet high if not cut. Has a long growing season all over South. Can be cut twice a season, making excellent green feed and hay. Stands close grazing and is not injured by light frost. Hardy, thrives on most soils that are not too dry and sandy, but prefers fairly heavy soils with moist condition. Sow from middle of March to June, 6 to 8 pounds per acre. 1 lb., 45c, postpaid. Not prepaid, 1 lb., 35c.

Quantity Prices on Green Ink List.

Cyclone Broadcast Seed Sower



Will sow Timothy, Clover, Oats, Rye, Wheat, Millet, Grass Seeds, Peas, Sorghums, etc. Distributes evenly, works perfectly; has an agitating feed plate which insures a uniform flow of seed. Price, each, \$1.95. By parcel post, \$2.20.



Sudan Grass.

Bermuda Grass

Bermuda delights in sunshine and warmth. It is extensively used in this section for levee work and pasture.

The seed should be planted in April, May or June. Seed requires 20 to 30 days to germinate. The ground should be well prepared with a good firm seed bed, and seed broadcast at the rate of ten pounds per acre. Do not cover more than half an inch. The seeding should not be done too early, as the seed will not germinate if sown before the weather and ground become warm. 1 lb., 45c, postpaid. Not prepaid, 1 lb., 35c.

Timothy

The best known of all the grasses grown for hay. Sow 15 pounds per acre. A stand is easily established, it starts quickly and yields its best crop the year after it is sown, but if top dressed with stable manure, next crop will be as good. Stands up well, easily cured, yields 1½ to 3 tons hay per acre on good land. Best time to cut is when in bloom, easier to cure and feeding value is highest then. Grows on any good loamy soil provided plenty of moisture present. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

Red-Top or Herd's Grass

This grass makes excellent pasturage and a good crop of fine quality hay, and succeeds on a greater variety of soils than any other in general use. The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for Timothy and Kentucky Blue Grass, and once established thickens and improves year after year. It is a good variety to sow with Timothy and Clover for meadow or pasture and is more permanent than either of the other two. On good soil it grows about two feet high; on poor, gravelly land about half that height. It has been grown successfully even on alkali land where other grasses failed. It requires about 8 to 10 pounds to seed an acre of the Fancy Clean seed. It can be sown either in the spring or fall. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

PLANT CROTALARIA The greatest soil builder ever produced.

SEE OUR GREEN INK LIST FOR QUANTITY PRICES ON ALL FIELD SEEDS.

RUSSELL-HECKLE'S LAWN GRASS SEED

Spade or plow ground to the depth of 8 inches. Afterwards harrow or rake carefully, pulverize all lumps and remove all large stones. If the soil is shallow, procure a supply of fine mold and spread over the surface to a depth of 5 inches. Soil may be enriched by bone meal or well-rotted manure wherever necessary, then rake level and roll the soil well to make a solid bottom. Scatter the seed evenly over the surface at the rate of 60 or 75 pounds per acre. Rake seed in and roll, water regularly and carefully, as the soil is liable to dry out in the heat of the day, and if it does while the seed is germinating it will invariably perish. When the grass is 3 inches high it should be cut and rolled, and repeat until the grass has become firm. Should bare spots appear, rake the surface and sow more seed.

Evergreen Lawn Grass

Our Evergreen Lawn Grass is a mixture of grasses that are adapted to lawn making, and contains none of the coarse grasses nor those that grow in tufts or clumps. No one grass makes an ideal lawn grass, so we have put into our Evergreen a well-balanced mixture of grasses that are at their best during different months of the year, will give a beautiful green growth at all seasons, and will make a rich, deep green, velvety lawn in as short a time as possible. **By mail, postpaid, 1 lb., 40c, Not prepaid, 1 lb., 30c.**

Quantity Prices on Green Ink List.

Bermuda Grass

This variety is strictly a hot weather grass. Sow in the spring of the year, when the ground becomes warm, or any time in the summer, using one pound of seed to a space 10 by 50 feet. A beautiful green lawn can be obtained from the seed much cheaper than by sodding. **1 lb., 45c, postpaid. Not prepaid, 1 lb., 35c.**

Quantity Prices on Green Ink List.

Kentucky Blue Grass

Adapted for shady locations, and requires rich soil. It will do well where lime is used in the ground. Fine for lawns, also for pasture, where soil is suitable. Sow in February, March and April, also in the fall. One pound sows 20 by 20 feet, or 400 square feet; 80 to 100 pounds to the acre. **1 lb., 40c, postpaid. Not prepaid, 1 lb., 30c.**

Quantity Prices on Green Ink List.

Sunny South Lawn Grass

This mixture is the result of a close and intimate study of grasses suited to lawn making and such as are adapted to Southern soils and climate. **1 lb., 45c, postpaid. Not prepaid, 1 lb., 35c.**

Quantity Prices on Green Ink List.

Poa Trivialis

For shady locations. A fibrous rooted perennial grass that is valuable on account of its quick growth and ability to grow in the shade under trees, etc. It starts early in the spring and continues green till late in the fall. Add a little Red Top. **1 lb., 60c, postpaid. Not prepaid, 1 lb., 50c.**

Quantity Prices on Green Ink List.

Vigoro Spreader

Easy running, sturdy machines with a patented force-feed principle. Spread Vigoro, seed, salt, sand, and insecticides uniformly at any desired rate. Equipped with handle controlled shut-off. Equally efficient on established lawns or soft ground.

Made in two sizes: Small 14-inch on slide, \$1.60. Standard 24-inch on wheels, \$6.00.



Evergreen Lawn Grass.

Shady Spot Lawn Grass

Only a few grasses will grow satisfactorily in the shade. Among the grasses best adapted to this purpose are Poa Trivialis and Red Fescue. These grasses should be the base of all mixtures for shady lawns and woods. Shady Spot Lawn Grass contains a large proportion of these two grasses besides other adapted turf-making grasses that will blend and make a thick velvety sod. **By mail, postpaid, 1 lb., 50c. Not prepaid, 1 lb., 40c.**

Quantity Prices on Green Ink List.

Winter Rye Grass

For winter lawns. This grass is becoming more popular each year. When sown in the fall, which is the proper season, Domestic Rye Grass remains green all through the winter. Sown on top of Bermuda in October or November. For lawns use 1 lb. to 10 by 20 feet. **1 lb., 28c, postpaid. Not prepaid, 1 lb., 20c.**

Quantity Prices on Green Ink List.

RENEWING OLD LAWNS

A lawn can be kept thick and flourishing if at intervals the soil is stirred with a sharp rake and more seeds sown. This should be done just after the grass has been cut, or during a rainy spell. If rolled immediately after sowing, the seeds will be better covered. Every spring and fall fresh seeds should be sown over the lawn to fill in bare spots and thicken the growth.

Russell-Heckle's Pasture and Grass Mixtures

These are composed principally of grasses which ripen together for cutting; but they also contain other grasses which will also add very much to the pasturage yield, in case it is desired to use the fields for pasturage. These grass mixtures afford splendid crops of hay of the finest quality and highest feeding value, and after being cut will give continuous and abundant pasturage till winter comes. May be used for hay exclusively, or for hay and pasturage as needed.

PERMANENT GRASS MIXTURE No. 1. For hay or pasture. Recommended for light, loamy or medium upland, for either hay crop or grazing purposes. Composed of Orchard Grass, Perennial Rye Grass, Tall Meadow Oat Grass, Red Clover, Alfalfa, etc. Sow 30 to 35 pounds to the acre. **1 lb., 28c, postpaid. Not prepaid, 1 lb., 20c.**

Quantity Prices on Green Ink List.

PERMANENT GRASS MIXTURE No. 2. Intended for good moist soils, also for grazing as well as hay. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is drier. If stock does not keep down to six or ten inches use the mower to do so. **1 lb., 28c, postpaid. Not prepaid, 1 lb., 20c.**

Quantity Prices on Green Ink List.

PERMANENT HOG MIXTURE. Especially prepared for pasturing hogs. Composed of Red Clover, Red Top Grass,

Orchard Grass, Alsike Clover, Rape, etc. Sow in February, March and April, also fall, at rate of 20 lbs., per acre. **1 lb., 28c, postpaid. Not prepaid, 1 lb., 20c.**

Quantity Prices on Green Ink List.

CHICKEN PASTURE MIXTURE. A splendid mixture of grains, clover and grasses for green feed for chicken runs. Sow in February, March and September at the rate of 30 pounds to the acre. **1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.**

Quantity Prices on Green Ink List.

TIMOTHY AND ALSIKE MIXED. Suitable mixture for wet lands, furnishing good pasture and hay. Sow in early spring and fall, 15 pounds of the mixed seed per acre. **1 lb., 30c, postpaid. Not prepaid, 1 lb., 20c.**

Quantity Prices on Green Ink List.





Field of Laredo Soy Beans.

RUSSELL-HECKLE'S SOY BEANS



The most valuable and popular leguminous summer forage crop. Our location in the very heart of the original and best Soy Bean seed producing section enables us to supply the finest stock of seed offered anywhere at especially advantageous prices, quality considered. When you buy from us, you buy direct from Soy Bean headquarters. We grow and handle many thousand bushels of Soys every year.

Prices Change Frequently. Write for Quantity Prices.

Laredo Soy Beans

At last the ideal Soy Bean for the entire South seems to have been developed. The Laredo matures reasonably early, does not shatter out badly and will make a crop under conditions that would spell ruin to Cowpeas or other Soy Beans. Yields of four tons of hay have been obtained, quality almost equal to Alfalfa; as much as 35 bushels of Beans have been harvested per acre.

One bushel will plant 6 to 8 acres in rows 3 to 3½ feet apart, depending upon how thick you want them. We know of one farmer who got a perfect stand using one bushel to 12 acres. They should not be covered deeper than 1½ inches; a half-inch is better. One or two cultivations to keep down the grass and weeds is advisable. The Delta Experiment Station reports splendid results from sowing Laredo March 25th to April 10th with a wheat drill on oats planted previous fall. This drill helped instead of hurting the oats, and the beans were not large enough when the oats were harvested to interfere with the binder. Sow seed broadcast at rate of one bushel per acre; when sown in drills sow about 1 gallon or 2 gallons per acre. **Qt., 25c, postpaid. Not prepaid, qt., 15c.**

Quantity Prices on Green Ink List.

Mammoth Brown

A fine big foliage variety, succeeds well in this section; won't shatter. The plant is upright, with heavy branches; a big yield of beans and foliage. Does well on all soils. It is a medium early variety; matures its beans in about 110 days.

The Mammoth Brown Soy Beans, like other varieties, is high in protein content, and the hay is equal to alfalfa. They make wonderful ensilage when grown with corn, and are also excellent for hog pasture. We recommend this variety to be one of the best to plant with corn for silage. It is erect in growth, having no runners to wrap up everything in sight. It should be planted in rows 3 to 5 feet apart and 8 to 10 inches in the row; sow 10 to 12 pounds to an acre. Mammoth Brown Soys grow 4 to 5 feet high and are covered with a dense mass of foliage that does not shed easily. When sown broadcast, use 1 to 1½ bushels of seed to the acre. **Qt., 25c, postpaid. Not prepaid, qt., 15c.**

Quantity Prices on Green Ink List.

Biloxi Soy Beans

An upright variety growing 4 to 5 feet high, covered with a dense mass of foliage that does not shed easily. A heavy yield of beans; the oil and protein contents are high; a fine bean for hogging down, for planting with corn or sorghum and for oil. The beans do not shatter, will stay in the pods until February. Late in maturing, requiring a long season to mature, but makes an unusually luxuriant growth; sow seed broadcast at rate of two bushels to an acre. In drills, sow ½ bushel to the acre. **Qt., 40c, postpaid. Not prepaid, qt., 30c.**

Quantity Prices on Green Ink List.

Crotalaria is a fine cover crop. Try it this season.

Mamredo Soy Beans

Produced from a hybrid of Mammoth Yellow and Laredo Soys at Delta Branch Ex. Sta. Shatters comparatively little, upright bushy plant, splendid for grazing and hay; its extra earliness is very valuable. Each of the characteristics is desirable; try some of these sure. **Qt., 50c, postpaid. Not prepaid, qt., 40c.**

Quantity Prices on Green Ink List.

Otootan Soy Beans

Few Soy Beans can equal Otootan as a hay maker. Its late maturity is more than overcome by the abundant growth—5 feet or more in long growing seasons—its fine stems and abundant foliage, and the fine texture of its hay. It differs from most varieties in having many leafy branches instead of a coarse central stem, making it easy to cut. Planted in 3-foot rows, they will cover the land with a mass of foliage. Recommended for any southern sections which have a long growing season. **Qt., 50c, postpaid. Not prepaid, qt., 40c.**

Quantity Prices on Green Ink List.

George Washington Soy Beans

Very early maturing, ready to cut in August; makes more vine than Virginia, and a very desirable variety; sow seed in May, same quantity as recommended for Virginias. **Qt., 40c, postpaid. Not prepaid, qt., 30c.**

Quantity Prices on Green Ink List.

Mammoth Yellow Soy Beans

Late maturing yet extensively grown for both beans and forage, both of which it yields in greater abundance. It grows more than three feet high, is erect in growth and can be cut with a mower. Valuable for both beans and forage. Mammoth Yellow is one of the largest growers among Soy Beans, and the most widely grown variety and excels in yield of bean and hay; sow seed in May broadcast at the rate of two bushels to the acre; when planted in drills use ½ bushel seed to the acre. **Qt., 25c, postpaid. Not prepaid, qt., 15c.**

Quantity Prices on Green Ink List.

Virginia Soy Beans

On account of its abundant growth and large yield of beans the Virginia makes most excellent hay and ensilage. As it is about 20 days earlier than Mammoth Yellow, it can be grown farther north and throughout the corn belt. The vines make a fine growth, are filled with pods, stand about 3 feet high, are easy to cut and easy to cure. The stems being fine and the leafage profuse adapts it particularly well for hay making; sow broadcast one and one-half bushels to an acre; in drills ½ bushel to an acre. **Qt., 25c, postpaid. Not prepaid, qt., 15c.**

Quantity Prices on Green Ink List.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.



CROTALARIA Spectabilis

This is truly a marvelous summer cover crop, a yield of 40,000 pounds of green material per acre is not uncommon. The humus produced by such a yield is of tremendous value. **More important still**, Crotalaria is a legume adding, when turned under, the equivalent of 800 pounds of Nitrate of Soda per acre (3-year test Florida Experiment Station showed 885 pounds average).

Crotalaria has succeeded all over the South, and as far north as Indiana. It is not a host to injurious insects and diseases. It will reseed itself under favorable conditions, but is not a pest and can easily be eradicated. Splendid soil builder in orchards, etc. Fine with corn planted in same rows when corn is planted, or in corn and other farm crops at last cultivation. It will just about double crop yields following it.

It is not offered as a feed crop, or hay crop, tho a nearby farmer tells us his mules ate it readily. But it is really too valuable as a fertilizer to feed. It will reclaim worn-out hillsides, gullies, etc.

Thoroughly plow, disc and harrow the soil. Sow after danger of frost is past, when moisture is present, 10 lbs. per acre broadcast or 5 lbs. drilled in 2 foot rows, using scarified seed only as with Sericea. Firm the soil immediately after planting to conserve the moisture, cultivate once or twice when planted in rows.

Price, 1 lb., 50c, postpaid. Not prepaid, 1 lb., 40c.

Quantity Prices on Green Ink List.



Cowpeas

May be sown any time from March to September, either broadcast or in drills. One to two bushels per acre for broadcasting; two to three pecks for drilling.

WHIPPOORWILL. A favorite early bunch-growing variety. **NEW ERA.** An early, upright-growing variety. Matures early.

BLACK STOCK. Large vining variety. Best for thin land.

CLAY. Very similar to Black Stock, matures earlier.

RED RIPPERS. Vines grow long; make an abundance of hay.

MIXED. Preferred by many farmers; they will grow thicker than separate varieties, producing better crop of vines and forage.

LARGE WHITE BLACK EYE. The dried peas are readily salable as table peas during the winter.

WHITE, CREAM or LADY. Fine for table use. Very prolific.

WHITE CROWDER. An excellent variety for table use.

BROWN CROWDER. Clay colored, large size, of fine flavor.

Prices on Cowpeas given on application. Let us know how many you will need.



Mung Beans

Mature about 15 days earlier than Soy Beans and Cowpeas and invariably have produced larger tonnage of hay and forage as well as larger production of beans. Grows 4 to 6 feet

tall and is one of the finest soil improvers yet discovered. Requires about 8 pounds of seed to plant one acre. Plant in May in rows about 3 1/2 feet apart and 2 to 4 inches apart in the rows. 1 lb., 40c, postpaid. Not prepaid, 1 lb., 30c.

Quantity Prices on Green Ink List.

Canada Field Peas

Canada Field Peas are one of the best cover crops that can be grown; also excellent for hay. Resists the cold weather.

Sow in January, February and March, 60 to 90 pounds of seed to the acre with one bushel of oats. Qt., 30c, postpaid. Not prepaid, qt., 20c.

Quantity Prices on Green Ink List.

Velvet Beans

Makes an enormous growth for forage, also worth millions to the South as a soil builder besides its value as a fall and winter feeding crop.

EARLY SPECKLED OR 100-DAY

VELVET. The most valuable of all varieties and the general favorite for all sections. This variety is the quickest grower and the most prolific. Matures in from 90 to 100 days. Sow in drills in May, one peck to the acre. Qt., 35c, postpaid. Not prepaid, qt., 25c.

Quantity Prices on Green Ink List.



Austrian Winter Peas

This wonderful winter cover and forage crop was introduced from Europe several years ago. Plant in September or October, when the ground is not in use, and it can be plowed under early in the spring, before time to plant spring crops. Will keep the land from washing and packing and at the same time furnish much valuable fertilizer. If desired the crop can be cut and used as feed. We advise sowing in September and October broadcast, 20 to 25 pounds per acre, mixed with a bushel of Rye, Oats, Barley or Wheat, or can be sown alone in drills at rate of 30 pounds per acre. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices Made in July.



Hairy Winter Vetch

The hardiest vetch; fine for hay, grazing and improving land. Grows on all soils, and surprisingly well on poor, thin land, and it will stand extremes of drought, heat and cold. It is to be sown in the fall in September and October. It never winter kills. Sow 20 pounds to the acre together with one bushel of Oats, Rye, Wheat or Barley to hold vines off the ground. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices Made in July.





Sagrain.

Sorghum and Cane for Fodder

EARLY AMBER CANE. One of the earliest sorghums and furnishes a large yield of most nutritious forage which may be fed either green or cured. If grown with cowpeas or soy beans the quality of the hay is improved and a more balanced ration may be had. The proportions recommended are 15 lbs. Early Amber Cane, $\frac{1}{2}$ bushel of soy beans and 1 bushel cowpeas to the acre broadcast. Grows 10 to 12 feet high. Sow broadcast 1 to $1\frac{1}{2}$ bushels to the acre; 8 to 10 lbs. plants an acre in $3\frac{1}{2}$ to 4-foot rows. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

EARLY ORANGE CANE. About ten days later than Early Amber Cane, but makes a taller and more leafy growth. It is recommended for fodder, of which it yields immense crops, frequently two cuttings a season, and stooling out thicker after cutting. It may be grown with soy beans and cowpeas as recommended for Early Amber Cane and the quantity to plant an acre is the same. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

RED TOP or SUMAC. Grown extensively in Middle Tennessee. Succeeds well in this section. Very sweet and one of the best for hay. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

THE WONDER TEN-IN-ONE CULTIVATOR

It is really a wonder, pays for itself the first day used. You cannot afford to be without one.

It is proclaimed the most satisfactory tool ever used by cemeteries, nurserymen, gardeners, florists, parks, schools, and golf courses. Cleans under evergreens, shrubs, against trees, fences, where the ordinary hoe cannot be used. It is unequalled as a lawn edger for trimming around curbs, walks and flowerbeds. You push it and it shaves and cleans. Any man, woman or child can use the Wonder Ten-In-One Cultivator successfully. Price, only \$1.75, f. o. b. Memphis.

SAGRAIN

Grows on land you can't plant to other crops; thrives in low places that usually drown out. Produces from 8 to 20 tons silage, or if left to ripen will produce from 50 to 75 bushels grain, (about double corn yield) and 4 to 8 tons cured hay; has heads like Kaffir. Usually weighs about 7 ounces and the average ear corn weighs 8 ounces. In feeding value has 90% value corn; can be fed to hogs, chickens, cattle and work stock. Plant as early in the spring as frost will allow. Will then be ready to harvest when the crops are laid by, usually along about August 1. Splendid in combination with Biloxi Soy Beans.

Plant in $3\frac{1}{2}$ -foot rows. Cultivate a couple of times and thin out, leaving a stalk every 8 inches apart. Use a common sorghum or pea plate. We do not recommend broadcast planting. Can be best harvested with corn binder, shocked like oats until cured. Six to eight pounds will seed an acre, planted in 3 to $3\frac{1}{2}$ -foot rows. From each seed planted you get from 6 to 10 heads of grain as it stools out and should be left very thin in drill. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

SAGRAIN No. 303. An improved strain, a dwarf selection of the original Sagrain, with heavier head. Stalks grow stocky, dwarf and very uniform. You will find it a great improvement over the regular strain. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

SORGHUM

CULTURE. Plant when the ground becomes thoroughly warm, say two weeks after corn planting, on a rich, well drained clay loam, in rows $3\frac{1}{2}$ to 4 feet apart, and cultivate as you would corn. After the flowering stage is passed, but not earlier, it may be pastured or cut for fodder. Sorghum may be grown with cowpeas and soy beans either in rows or broadcast.

CANE SEED FOR SORGHUM

Special Warning on Sorghum Cane

NON-WARRANTY. Owing to the peculiar hybridization of syrup cane varieties, it is impossible to guarantee any of the varieties here listed. We have selected all the syrup cane varieties on our list with best possible care, but at the same time do not guarantee that they will come true.

All orders for syrup cane varieties are therefore accepted only on these conditions.

JAPANESE HONEY RIBBON CANE. For making syrup this variety has no equal. It has been yielding from one to two hundred gallons per acre. It makes a syrup of bright amber color and of fine flavor. The stalks grow from 10 to 15 feet high, and with its large foliage makes one of the best varieties for ensilage.

For making syrup, cut just before the heads ripen, at which stage the sugar content of the plant is greatest.

Japanese Ribbon Cane matures ready for the mill in about 110 days. We, therefore, advise planting as early in May as possible. One gallon of seed will drill one acre. Cultivate like cotton, leaving plants about 10 to 12 inches apart in the row. Price, 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

TEXAS SEEDED RIBBON CANE. Whether you grow it for syrup, for ensilage or for feeding, you will like it. The syrup yield is good, frequently from 175 to 200 gallons to the acre. As it grows 10 to 12 feet tall, with an abundance of fodder, it makes a most economical ensilage, filling the silo at a minimum cost. Plant in $3\frac{1}{2}$ -foot rows when the ground has become thoroughly warm, thin out to stand 10 to 12 inches apart in the rows, and cultivate just as you do corn. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

SUGAR DRIP. It makes a large, juicy and succulent growth. It will yield about 65 per cent of the weight of the cane in juice. One of the most desirable syrup varieties. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

CERESAN SEED DISINFECTANT

America's premier agricultural disease treatment for certain crops. Treat all Sorghum, Milo Maize and Kaffir Corn seed with Ceresan. It kills external diseases and gives you better stands, as well as allows earlier plantings. This is a remarkable preparation and the results will be an agreeable surprise. Don't fail to use Ceresan on all of your seed grains before planting. 1-lb. can, 75c; 5-lb. tin, \$3.00; 25-lb. pall, \$12.50. Not mailable.

Dwarf Essex Rape

Yields over 10 tons of green forage per acre that for fattening is claimed to be worth, pound for pound, double the value of clovers. Good not only for sheep but ideal for hogs and splendid for all live stock and poultry, makes wonderful table greens. An acre of Rape will easily pasture twenty hogs for two months. Allow them to remain a short time the first day, increase the time each succeeding day, allowing stock access to salt.

Sow in February, March, April, September and October, broadcast 6 to 10 pounds per acre, or in drills 18 inches to 2 feet apart; when grown in drills and cultivated occasionally, the leaves will cover the intervening space. Matures in 6 to 8 weeks. Grows best in cool weather.

Sowing 5 to 6 lbs. of Rape per acre in corn at last working has been found very profitable also.

1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

White Kaffir Corn

Kaffir Corn yields heavy crops. It adapts itself to a wide variety of soils; a long dry spell may stop its growth, but it starts again with the first rain. The grain as well as the plant makes fine feed for stock, hogs, poultry and pigeons. With Cowpeas, sow broadcast one peck of Kaffir Corn to a bushel of peas; sown alone, 3 pecks to a bushel an acre broadcast; in drills 6 to 8 pounds an acre in 3½-foot rows. Plant from after the ground is thoroughly warm till early in June. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c. Quantity Prices on Green Ink List.

Red Kaffir

Grows taller than the white; stalks tender, juicy and very leafy. Ripens earlier than the white and yields much heavier. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

Yellow Milo Maize

A wonderfully drought-resistant, non-saccharine sorghum that makes a thick succulent growth of nutritious milk-producing forage. For fodder and ensilage, cut when in the dough stage; at this stage it has a feeding value practically equal to corn. Any good corn land will bring Milo Maize either for green feed, dry fodder or for the grain. It grows on all soils from sandy to heavy clay loam. Plant in 3½-foot rows after the ground is thoroughly warm, and give it the same cultivation you would corn. Six to eight pounds will plant an acre. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

Egyptian Wheat or Shallu

The heads are large and heavy. It makes hens lay better than any poultry food. Plant in drills 3 feet apart, using ten pounds of seed per acre; or broadcast, using from 2 to 4 bushels. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

Feterita

Three or four weeks earlier than Kaffir Corn. It is the most drought-resisting of any of the sorghum family. Sow in April or May, in drills, 5 pounds to the acre. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.



White Kaffir Corn.



Dwarf Essex Rape.

GROHOMA

This new forage and grain crop, after thorough trials the past season, was found very satisfactory. Stock of all kinds like it, in fact they eat every particle of the stalk, leaves and head. It is rich in protein and fat. Plant from April 1st to July 1st in good soil. Make rows 4 feet apart, drop seed 12 inches. Since it stools considerably, very little seed is required. Sow 2 pounds to the acre. Prices of selected, well-cleaned seed from main heads, 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

Seed Peanuts

Prepare the ground well, laying it off in rows with a shovel plow; the rows should be 3½ feet apart, and put two kernels to the hill, hills about one foot apart. One and one-half bushels of unshelled nuts will seed an acre.

TENNESSEE LONG RED. Especially adapted to this section. The nuts contain three large kernels in each and are enormously productive. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

IMPROVED WHITE VIRGINIA. These are uniformly large, and when grown on light sandy land will produce nuts of that bright attractive appearance demanded by the best trade. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

SPANISH PEANUTS. Although not as large as other kinds there is no peanut grown that so entirely fills the pod or can compare with it in sweetness and flavor. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

Jerusalem Artichoke

Fine for fattening hogs. They grow just like Irish potatoes. Every hog raiser should grow Artichokes; the hogs will harvest them without cost. Plant in 4-foot rows any time in March or April, dropping the cut pieces 18 inches apart in the row. They will produce 200 to 300 bushels to the acre. It requires 3 bushels to plant one acre. Qt., 30c, postpaid. Not prepaid, qt., 20c.

Quantity Prices on Green Ink List.

Thousand Head Kale

Makes a wonderful green feed which is much relished by sheep, lambs, hogs, cows and poultry. For hogs Thousand Head Curled Kale seems to be especially suited, fattening them rapidly.

Sow four to five pounds to the acre broadcast in March, April and May, also September and October. 1 lb., 60c, postpaid. Not prepaid, 1 lb., 50c.

Please Note

We are listing Field Seeds with prices only in pound lots. The fluctuating markets on field seeds make a set catalog price very unsatisfactory.

See Green Ink Price List enclosed for quantity prices on Field Seeds.

Revised copies gladly furnished.

ASK FOR OUR LIST OF CALIFORNIA GROWN ROSE BUSHES. WE HAVE MOST ALL THE NEW VARIETIES.



Clipper Grain and Seed Cleaner

The vertical air blast cleaner fans and separates all kind of seeds and grain. Ask for circular.

PRICE. No. 1 B Clipper Cleaner with Screens, each, \$39.00.

PRICE. No. 2 B Clipper Cleaner with Screens, each, \$45.00.



R.-H. CO.'S SEED OATS

CULTURE. Sow as early as possible, in February and through March, in good soil two to two and one-half bushels to the acre. If the soil is poor, use 200 to 300 pounds 16% Phosphate to the acre. Cut them for hay when the oats are in the milk stage or about half mature.

Early Burt or Ninety-Day Oats

Probably the earliest maturing of all Oats, hence Burts can be planted after it is too late to sow any other variety. Can be planted in March and mature in time to escape injury from heat. Early plantings can be cut in time to put the same land in corn, cowpeas, soy beans, peanuts, cane millet or other summer crops. For quick feed in the spring and for grazing, the Early Burt is the best of all. It is not a heavy yielder of grain, but fine for cutting in the dough stage.

Prices on Green Ink List.

Fulghum

A rust proof variety developed from the original Red Rust-Proof Oat. It is one of the most satisfactory and popular oats known. Its productiveness and early maturity, probably more than any of its other good qualities, have contributed to its wide popularity. They stool out splendidly, have large full heads, fine plump grains, and strong straw that stands about 3 feet high.

Prices on Green Ink List.

Tennessee Winter Turf Oats

Tennessee has long been famous for its Winter Turf Oats, which have probably the greatest propensity for stooling of all the present-day oats. Further, they are the hardiest oats we have and will come through the winter when other varieties have all been killed out. Due to their strong turfing and stooling characteristics they excel all other oats for grazing purposes after fall planting.

Prices on Green Ink List.

Broom Corn

IMPROVED EVERGREEN BROOM CORN.

An excellent variety of good length; has fine straight straws. Sow in April, one gallon to the acre. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

OKLAHOMA DWARF BROOM CORN.

Straight, stiff stems and leaf; markets readily. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

Mammoth Russian Sunflower

The seeds when fed to poultry make a real egg-producer, being rich in oil and protein; it is an ideal food during the moulting season. No farm where poultry is raised can afford to be without a patch of sunflowers. The leaves are excellent fodder. The whole plant makes fine ensilage and hog feed. Under favorable conditions, 40 to 60 bushels can be grown on an acre. Plant up to the middle of July at the rate of 8 lbs. per acre. Plant and cultivate like corn. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

FREE With Order

Up to April 1st, our 1934 Calendar & Almanac. It's worth having; gives weather predictions for next 12 months and other information that you will appreciate.

The Calendar is mailed free with any order.

Red Rust-Proof Oats

For years the standard in the South. Thousands of acres are planted to Red Rust-Proof Oats each year. Oats in the South have long been subject to rust and that's why the Northern White Oats are not successful down South. The Red Rust-Proof Oat is a very vigorous grower, robust and productive, does well on low ground.

Prices on Green Ink List.

Kanota Oats

Bred at Kansas Experiment Station; named for three states, Kansas, Oklahoma, Texas. Bred from an improved strain of Fulghum, and often called Kanota-Fulghum. A splendid variety, early in maturity, always a big advantage; an exceptionally heavy yielder of both grain and straw, with uniform plump, heavy berry. Quite resistant to cold and for that reason much sought after for fall planting.

Prices on Green Ink List.

Appler Oats

This is another development from an improvement over the old original Red Rust-Proof Oats. Its main claim to popularity is the extra yield that it gives, which is fully equal to the famous Fulghum Oats, though the Appler is not quite so early as the Fulghum.

Prices on Green Ink List.

Teosinte

Mammoth forage plant. The yield is astonishing and can be cut several times through the summer and until frost. Looks somewhat like Indian Corn, but wider, and longer, and the nutritious leaves and stalk contain a sweet sap. Grows 12 feet high. A valuable fodder crop, to be used in the green stage, for the South. Plant about 4 pounds of seed per acre in 3 foot rows, dropping seeds 4 to 6 inches apart. Oz., 15c; ¼ lb., 35c; 1 lb., 90c, postpaid. Not prepaid, 1 lb., 80c.

Buckwheat

Sow three pecks to one bushel to the acre. It can be sown so late as to prove a profitable second crop to follow early peas, potatoes, etc. Good pasturage for bees. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

Chufas

An excellent hog-feeding crop, fine for light soils. Plant in rows, one peck to the acre, in April or May. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

PLANT CROTALARIA

The greatest soil builder ever produced.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.

R.-H. CO.'S MILLET

MILLET. Nothing pays better for a stock raiser or a dairy farmer than a few acres of Millet, for it not only yields at least half again as much hay per acre as Timothy or Clover but is also of the greatest feeding value and milk producing quality. When spring is so unfavorable that other crops fail to grow, or when the season is so late that corn will not mature any more, Millet is invaluable. Millets are also used as a catch crop after early grains. When sown in hot weather it is especially good to subdue weeds.

Tennessee Golden Millet

Our Southern grown Millet makes much better growth than the Western grown seed. This true Tennessee grown, a type that produces better quality, grows taller and gives a larger yield of very nutritious hay, is a quick grower. It should be cut for hay when it begins to show the heads. Plant $1\frac{1}{2}$ to 2 bushels an acre broadcast. Plant from April to August. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

Pearl or Cattail Millet

A well-known and valuable green forage plant for the South. It is one of the greatest and best yielders of green forage and continues to grow and produce through the entire season if cut frequently enough to prevent its going to seed; three to four cuttings may be had. Sow thinly in rows 3 feet apart at rate of 8 to 10 pounds per acre. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

Japanese or Barnyard Millet

(Called Billion-Dollar Grass in the West)

Distinct from other millets; grows 4 to 6 feet high, yielding an enormous crop that in quality is equal to corn fodder and is relished by stock. Sow in May, June or July, 20 pounds to the acre broadcast; or sow in 15-inch drills and cultivate until it is 18 inches high. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

Hungarian Millet

An early forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage, often yielding 2 to 3 tons per acre. Sow 1 bushel to the acre. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

Quantity Prices on Green Ink List.

SEMESAN

Makes Seeds Healthy

A mercurial seed disinfectant for the control of plant diseases on all seeds, corn and potatoes; applied either dry as a dust or in wet solution. Makes seeds healthy.

SEMESAN JR. FOR CORN

4-oz. can, 40c; 1-lb. can, \$1.50; 5-lb. can, \$7.00.

SEMESAN FOR SMALL SEEDS

2-oz. can, 50c; 1-lb. can, \$2.50; 5-lb. can, \$11.75.

SEMESAN BEL FOR POTATOES

4-oz. can, 50c; 1-lb. can, \$1.75; 5-lb. can, \$8.00.

CERESAN FOR OATS, SORGHUM

1-lb. tin, 75c; 5-lb. tin, \$3.00; 25-lb. drum, \$12.50.

CERESAN FOR COTTON

To beat the boll weevil, you must plant your cotton early. Ceresan treatment, by protecting the seed and seedlings from disease attack during the early stages of growth, makes planting safer, this generally assuring a good stand of healthy plants and setting of bolls well in advance of heavy weevil infestation. 3 ozs. Ceresan will treat one bushel of cotton seed. Ask for circulars. Price, 1 lb., 75c; 5 lbs., \$3.00; 25-lb. pail, \$12.50.

EEZY WEAR

These gloves are all leather, pliable, so one can work while wearing them. Fine for all garden work, cleaning, painting, etc., as they keep the hands clean. The unusual quality of extreme softness and pliability in this Eezy Wear All-Leather Glove is the result of a special processing of selected leather.

PRICE, 75c per pair; postpaid, 85c.



Germaco
Hotkaps
New Method of
Plant Protection

Matures crops earlier; shields plants from wind, rain and light frosts; protects them from insects; keeps dirt soft — miniature "hot-houses." A revolutionary device that saves much in time, labor and money; 1,500 Hotkaps used on an acre, average.

Full directions in free circular.

PRICES. 100 Hotkaps with garden setter, \$2.40; By mail, \$2.65.

250 Hotkaps with one garden setter for \$3.65. By mail, \$3.95. Garden setter alone, 50c. By mail, 60c.

1,000 Hotkaps without setter, \$10.00.

HOTKAP SETTERS. Steel. Used when large quantities are set. \$2.25 extra. By mail \$2.50.

MULCH PAPER



Permits earlier planting, does away with labor of cultivating, helps to retain the moisture, makes bigger, better and earlier crops. Weeds can't come up in soil that is covered with Mulch Paper. Ask for circular, "The Miracle of Mulch Paper."

PRICES. Rolls 18-inches wide, 45-ft. long, 65c. Mailed 85c. Rolls 18-inches wide, 450 ft. long, \$2.00. Rolls 36-inches wide, 450 ft. long, \$4.00.

All Type B, Heavy Weight.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.



Tennessee Golden Millet.

Abruzzi Seed Rye

Sow broadcast, 1 bushel to the acre, in September and October.

Quantity Prices Made in July.

Southern Seed Rye

Sow in September or October, $1\frac{1}{2}$ bushels broadcast to the acre.

Quantity Prices on Green Ink List.

Beardless Winter Barley

Makes a quick-growing crop of excellent and nutritious feed, either to use green or as hay. Sow $1\frac{1}{2}$ bushels per acre in September or October.

Quantity Prices Made in July.

Fall or Winter Barley

Sow in September or October, $1\frac{1}{2}$ bushels to the acre.

Quantity Prices Made in July.

Red May Seed Wheat

Sow broadcast $1\frac{1}{4}$ bushels to the acre in September, October and November.

Quantity Prices on Green Ink List.

Horticultural Requisites

No. 1 BUDDING KNIFE. Folding single blade with ivory tip. Each \$1.75; by mail, \$1.85.

No. 2 BUDDING KNIFE. Stationary blade. Each 50c; by mail, 60c.

No. 8 PRUNING KNIFE. Hook bill blade, strong and properly shaped. Each 85c; by mail, 95c.

TREAT Garden Corn with Semesan Jr.

Permits earlier planting, gives better germination, better stands therefore larger yields.

Apply dry to the seed; no special equipment is needed for this new seed treatment. Costs less than 7c an acre.

4-oz. pkg., 40c;
1-lb. pkg., \$1.50;
5 lbs., \$7.00. Not
mailable.



Fresh each Year
High Germ Count

INOCULATE YOUR LEGUMES

Alfalfa, Clovers, Lespedeza, Soy Beans, Cow Peas

NEW

REDUCED NITRAGIN INOCULATION PRICES

When ordering always specify kind of seed.

Alfalfa, all Clovers Lespedeza

Size	Price
1/2 bu.	\$.35
1 bu. ....	.65
2 1/2 bu.	1.40

Peas, Vetch, Beans, Austrian Winter Peas

Size	Price
1/2 bu.	\$.35
1 bu. ....	.50
*1 1/3 bu. ....	.80
5 bu.	2.25
**"100 lb. size" pack- ed only for Vetch and Peas.	

Soy Beans, Cow Peas

Size	Price
1 bu.	\$.35
2 bu. ....	.65
5 bu.	1.40
10 bu.	2.45

Garden NITRAGIN for Peas, Beans, Sweet Peas and Lupines

*Can be used on
any amount of
seed, up to 8 lbs.
Price 25c*

Beans, Vetch, Peas . . with

The Original Legume Inoculator

NOBBE-HILTNER PROCESS

NITRAGIN
TRADE MARK REG'D. DEC. 6, 1898 NO. 32212

REDUCED TO

65c per bu. size—Alfalfa, Clovers, Lespedeza

50c per bu. size — Peas, Vetch, Beans,
Aust. W. Peas

35c per bu. size—Soy Beans, Cow Peas

**YOU CAN NOW AFFORD TO INOCULATE ALL YOUR
LEGUMES WITH DATED, HIGH COUNT NITRAGIN.**

For your protection, because Legume Germs are PERISH-
ABLE, every package of NITRAGIN bears the Expira-
tion DATE as well as the Germ COUNT when packed,
and the PRICE.

NITRAGIN guarantees Billions of live, fresh and efficient
Legume Germs in every package—tells you what you are
buying—guarantees full measure. NITRAGIN is always
reliable—has served the American Farmer since 1898.

NITRAGIN EASY TO APPLY

NITRAGIN is a regular, MOIST, soil-like culture packed
in tins. Easy to apply. Directions on every can.

NITRAGIN—The Original Legume Inoculator—is the
lowest priced, high quality inoculator
on the market.

ALWAYS THE LARGEST—and most widely distributed inoculator in the U. S. A.

All Legumes Should Be Inoculated with

ALL agricultural authorities recommend properly
inoculating legume seed for increased yield, finer
crops, and richer soil for following crops.
You will find in Humogerm a special high-bred
culture for

All Clovers, Alfalfa, Vetch, Soy Beans, and other Beans
and Peas, Lespedeza, Peanuts, and other Legume Products
which will produce a BIG profit on a small investment.

HUMOGERM Pulls Dollars Out of the Air

This superior moist inoculant is prepared under the exclusive Earp-Thomas pro-
cess which has been a recognized standard of quality for a quarter century, the
bacteria are selected and high-bred through many generations for superior ability
to gather nitrogen from the air, and produce healthy, heavier nodule clusters on the
roots, thus storing this nitrogen, growing better plants and enriching the soil.

These selected high-bred bacteria are packed under this exclusive process, with
proper foods and protection from contamination to insure vigorous health and
purity to the time they are put on the seed. Each can of Humogerm
is packed with more than

Humogerm Prices

For Clovers, Alfalfa (Small Seeds)	For Peas, Vetch, Beans, Lespedeza, Soy Beans (Large Seeds)
1/2 Bushel \$.40	1 Bushel \$.40
1 Bushel .65	2 Bushel .65
2 1/2 Bushel 1.25	5 Bushel 1.25

Fifteen Billion High-Bred Nitrogen-Fixing Bacteria

per small seed bushel and is dated
so Humogerm is fresh for your pro-
tection. Use Humogerm for extra
profit on all legume crops.

When ordering always state kind of seed.

Contains Billions of Live Virile High Bred Bacteria

EARP-THOMAS PROCESS
MOIST POWDER

HUMOGERM

A HUMUS BASE LEGUME INOCULANT



**HUMOGERM
PULLS
DOLLARS
OUT OF
THE AIR
TO
PRODUCE
BETTER
CROPS
AND
ENRICH
YOUR
SOIL.**

R.-H. Co.'s Fertilizer

How to Use Fertilizers

Fertilizers can always be used to good advantage by opening up the row, sprinkling thinly the fertilizer; then cover same with a little soil and then sow your seed. Or, they can be used by working them into the soil along the rows after the plant is up, care being taken not to let it come in contact with the leaves or stem of the plant.

Ton prices on Fertilizers quoted on our Green Ink List.

Garden Fertilizer 4-8-4

The most largely used grade for all garden crops, tomatoes, potatoes and corn. Contains a balanced plant food that makes bigger crops. 10 lbs., 40c; 25 lbs., 75c.

Adco

A powder when mixed with leaves, trash, cut grass and soil, makes artificial manure fully equal to the farm yard product in fertilizing power. 25-lb. bag, \$2.00.

Sulphate of Ammonia

Price in bulk: 5 lbs., 25c; mailed, 45c. 10 lbs., 45c; mailed 70c. 25 lbs., 75c.

Granulated Peat Moss

Moisture retaining humus. Excellent for mixing with dry or stiff soils and for mulching beds, shrubs, lawns, etc. 20-bu. bales, \$4.25. Trial bale (about 2 bus.), \$1.25; by mail, \$1.60.

Golden Flour Fertilizer

5 lbs., 35c; mailed, 55c. 10 lbs., 60c; mailed, 85c. 25 lbs., \$1.00.

Commercial Fertilizer

We carry the various standard formulas for corn, cotton and vegetables. Also Acid Phosphate, Kainit, and Muriate of Potash. See Green Ink List for prices.

Nitrate of Soda

5 lbs., 25c; 10 lbs., 45c; 25 lbs., 75c; 50 lbs., \$1.25. Cannot be mailed.

Bloomaid

For trees, flowers, vegetables and shrubs. Clean to handle, odorless, rich in plant food and humus. 25 lbs., \$1.50. 100 lbs., \$4.00.

Fairway

The plant food that feeds grass immediately; builds soil permanently. 25-lb. bag, \$1.50; 100-lb. bag, \$4.00.



Bone Meal Fertilizer

Bone Meal is an excellent fertilizer for all kinds of fruit trees, rose bushes, grape vines, bulbs, ferns and other potted plants; and for grass crops. 4 lbs., 25c; 10 lbs., 50c; 25 lbs., 90c. By parcel post, 4 lbs., 45c; 10 lbs., 75c.

Sheep Manure

5 lbs., 25c; mailed, 50c. 10 lbs., 45c; mailed, 75c. 25 lbs., 75c. 50 lbs., \$1.20.

Jax Plant Food

Package, 15 tablets, 15c; mailed, 20c. Granulated in bulk, 1 lb., 15c; mailed, 25c. 5 lbs., 50c; mailed, 75c. 25 lbs., \$1.50.

Stim-U-Plant

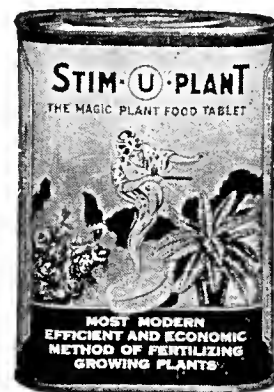
In tablet form. Pkg., 30 tablets, 25c; mailed, 30c. 100 tablets, 75c; mailed, 85c. 1000 tablets, \$3.50; mailed, \$3.65.

Gator-Hide Mulch Paper

The Miracle Paper That Grows Bigger. Better, Earlier Crops

Revolutionary method of mulching plants. Eliminates weeds without cultivation. Conserves moisture, warmth, plant food, increases germination, speeds up growth and increases yields.

Send for booklet "The Miracle of Mulch Paper."



Type B (Heavy Weight)

Width	Length	Sq. Ft.	Per Roll
18 inch	450 feet	675	\$2.00
36 inch	450 feet	1350	4.00

Garden Size, 45-ft. roll, 18 inches wide, 65c; mailed, 85c.

Lime

Pulverized, fine, especially good for use on sour soil and where ground worms frequent. It purifies and sweetens soils. 10-lb. bag, 25c; 40-lb. bag, 60c. Cannot be mailed.

Prices on Large Quantities Quoted on Our Green Ink List



For Gardening Success

Select good seeds and plants, care for them properly, and feed them regularly with Vigoro, the complete, balanced plant food.

Vigoro contains all of the food elements plants must get from the soil to produce rich green, velvety lawns, beautiful flowers, full-foliaged shrubs and trees, and early, delicious vegetables. Vigoro is "the square meal for all plants."

Clean, odorless, and economical. Simple directions for using Vigoro in every bag or package. Used annually on 3,000,000 homes. We recommend it highly.

100-lb. Bag \$ 4.00
50-lb. Bag 2.50
25-lb. Bag 1.50
10-lb. Pkg. .85
5-lb. Pkg. .50
12-oz. Pkg. .10
F.O.B. Memphis.

A Product of Swift & Company

VIGORO
Complete plant food

"Use Vigoro on Everything You Grow"



ROSES

Do Best
When
Fed with
VIGORO
Complete
Plant Food

General Spray Information

Russell-Heckle's Oil Emulsion

For dormant spray to control scale, Oil Emulsion Spray has no equal; it creeps and covers every part of the tree. Use it in January, February or March on a bright, warm day; avoid exposure to freezing.

Made according to formula in U. S. Farmers Bulletin No. 933. Use 1 gallon to 32 gallons of water. To control peach tree leaf curl, use 4 pounds Bordeaux Mixture or 3 pounds of Blue Stone (put these in water first) and 1 gallon of Oil Emulsion to 32 gallons of water. Price: Qt., 35c; 1/2 gal., 50c; 1-gal. can, 65c; 5-gal. can, \$2.25; 10-gal. can, \$4.00; f. o. b. Memphis.

Russell-Heckle's Dry Mix

A summer spray on Peaches and Plums, for use in place of self or home-boiled Lime-Sulphur, for the control of brown rot, scab and leaf spot. Use 1 pound to 5 gallons of water, first application, when the husks fall. Spray every two weeks with Dry Mix and add a little Black Leaf 40. This is to control brown rot, scab, curculio and Oriental Peach Moth. Price: Dry Mix, 1 lb., 25c; 5 lbs., 75c; 12 1/2 lbs., \$1.25.

Russell-Heckle's Lime-Sulphur Solution

One of the best fungicides for the dormant or growing period. To control scale and peach tree leaf curl. Full directions on cans. Price: Qt., 35c; 1/2 gal., 50c; 1 gal., 65c; 5-gal. can, \$2.25; 10-gal. can, \$4.00.

For prices on other insecticides, see pages 57, 58, and 59.

R.-H. Co.'s Powdered Lime-Sulphur

A convenient material to control San Jose scale and other fungus trouble, such as peach tree leaf curl and blister mites. Dilute 1 pound Dry Lime-Sulphur to 4 gallons of water. Price: 1-lb. can, 30c; 5-lb. can, \$1.25; 12 1/2-lb. pkg., \$1.50.

R.-H. Co.'s Dritomic Sulphur

One of the best preparations for the shuck spray, and growing period or summer spray on peaches, apples, etc. On the shuck spray add arsenate of lead. Dritomic Sulphur will control scab and brown rot on peaches and plums, and scab on the apple. Use one pound to 20 gallons of water. We have both apple and peach Dritomic Sulphur. Price: 4-lb. pkg., 60c.

R.-H. Co.'s Bordeaux Mixture

One of the most generally used and satisfactory preparations for controlling plant diseases of most kinds. It is especially good to correct blight on Phlox, Roses, Snapdragons; black or blossom end rot on Tomatoes; blotch on Apples; black rot on Grapes, etc. Price: 1 lb., 30c; 4 lbs., 75c.

Black Leaf 40

For all sucking insects, such as lice, red spider and aphids, on roses, apple and plum trees, evergreens, etc. Use 1 ounce to 5 gallons of soapy water. Price: 1 oz., 35c; 5 ozs., \$1.00.

Spray Calendar

CROPS	INSECTS AND DISEASES	MATERIALS	DILUTIONS		TIME TO SPRAY
			One Gal. of Water	50 Gal. of Water	
PEACH PLUM CHERRY	Scale, Insects and Leaf Curl	Lime-Sulphur Sol. Oil Emulsion or Dry Lime-Sulphur	1 pint 1/4 pint 18-20 teaspoonfuls	5-7 gallons 2 gallons 12-15 pounds	In the fall or in the spring before the buds swell. Add Bordeaux to Oil Emulsion to prevent leaf curl.
	Curculio	Arsenate of Lead	2 teaspoonfuls	3/4 to 1 pound	Combine with summer peach spray when Curculio is present.
	Scab and Brown Rot, and to prevent Rot developing after fruit is picked	Dry Mix, a special mixture replacing self-boiled Lime-Sulphur. Or use Dritomic Sulphur or Sulfocide	12-20 teaspoonfuls 1 tablespoonful	8-10 pounds 1 quart	1. When most of shucks are off. 2. Two weeks after shucks dropped. 3. Four weeks before picking, if necessary. 4. Week to ten days before picking. Very important.
	Porers	Paradichlorbenzene for Peaches only	1 to 2 ozs. in a circle evenly distributed 2 in. away from trunk of tree.		In the fall if possible.
PEAR QUINCE	Scale Insects and Blister Mites	Lime-Sulphur Sol. Oil Emulsion or Dry Lime-Sulphur	1 pint 1/4 pint 18-20 teaspoonfuls	5-7 gallons 1 1/2 gallons 12-15 pounds	Dormant or delayed dormant. When the buds begin to swell.
	Psylla, Slugs, Scab and Codling Moth	Bordeaux Mixture or Dry Lime-Sulphur or Lime-Sulphur Sol. Arsenate of Lead Black Leaf 40	12-16 teaspoonfuls 5-6 teaspoonfuls 1/5 pint 3-8 teaspoonfuls 1 teaspoonful	6-8 pounds 3-4 pounds 1 1/4 -1 1/2 gallons 1-1 1/2 pounds 1/2 pint	1. Cluster or pink stage. 2. Calyx or petals fall. 3. Two weeks after petals fall.
APPLE	Scale Insects, San Jose, Oyster Shell and Blister Mite, Red Mite	Lime-Sulphur Sol. Oil Emulsion Dry Lime-Sulphur	1 pint 1/4 pint 18-20 teaspoonfuls	5-7 gallons 2 gallons 12-15 pounds	While the trees are dormant, spring or fall. Delayed dormant spray applied in spring when buds are showing silvery.
	Codling Moth, Curculio, Bud-Moth, Scab, Frog-Eye and Blotch	Lime-Sulphur Sol. or Dry Lime-Sulphur and Arsenate of Lead	1/5 of a pint 5-6 teaspoonfuls 3-8 teaspoonfuls	1 1/4 -1 1/2 gallons 3-4 pounds 1-1 1/2 pounds	1. When buds show pink. (Important scab spray). 2. When petals fall. (Calyx spray). 3. Ten days to two weeks later. (Blotch). 4. Four weeks after petals fall. (Blotch).
	Later Codling Moth Broods Blotch	Arsenate of Lead Bordeaux Or Dritomic Sulphur	3-8 teaspoonfuls 12-16 teaspoonfuls	1-1 1/2 pounds 8 pounds	Eight to ten weeks after petals fall and as often as necessary to keep fruit covered with Arsenate of Lead, and a fungicide where bitter rot is present.
	Aphids (Plant Lice)	Black Leaf 40 Evergreen Spray	1 teaspoonful 1 teaspoonful	1/2 pint 1/2 pint	Combine with other sprays and apply when Aphids appear. Usually in delayed dormant sprays.
GRAPE	Black Rot Mildew	Bordeaux Mixture	12-16 teaspoonfuls	6-8 pounds	When shoots are 8 to 10 inches long, just before blooming.
	Berry Moth	Arsenate of Lead	3-8 teaspoonfuls	2-3 pounds	1. After the blossoms fall. 2. Ten days to two weeks later.
	Black Rot Mildew	Bordeaux Mixture	12-16 teaspoonfuls	6-8 pounds	3. When berries begin to touch in the clusters.
	Leaf Hopper	Black Leaf 40	1 teaspoonful	1/2 pint	Apply when first nymphs of the Hopper acquire wings.

CULTIVATE FRUIT TREES, GRAPE VINES, ETC.—KEEP THE HARROW IN THEM. SPRAY YOUR FRUIT TREES IF YOU WANT GOOD FRUIT. DO IT AT THE PROPER TIME AS DIRECTED ABOVE.

The Full Market Basket



Fresh From Your Own Garden

There is all the difference in the world between vegetables fresh from your own garden and fresh from other sources. Fresh in some cases may mean a week and even from the farmer markets means at least a day old.

The Soil and Preparation

The soil should be fairly rich or make it so with pulverized Sheep Manure and remember thorough preparation is essential. Get the ground in proper shape before you attempt to sow the seed.

Thin out plants, don't crowd. It is preferable to have plants spaced well. A thin stand is better than to have the

plants too thick. Cultivate frequently. It not only conserves the moisture but keeps down weeds and grass.

Water crops well during extreme dry spells. Soak ground thoroughly, continue to plant as you make room in your garden and you can have fresh vegetables all during the growing season.

What and When to Plant

THE RIGHT TIME for sowing all seeds as we give them in the different months, should naturally be governed by the conditions of the weather and the soil.

JANUARY—Sow in hotbeds: Cabbage, Lettuce, Beets, Onion, Tomato and Cauliflower.

Sow outdoors the latter part of the month: Turnips, Mustard, Spinach, and English Peas.

FEBRUARY—Sow outdoors: Radish, Turnip, Mustard, Spinach, Onion Seed, and English Peas. Set out Onion Sets and Onion Plants. Sow Sweet Peas.

Sow in hotbeds: Cabbage, Beet, Tomato, Eggplant, Kohlrabi, Lettuce, and Pepper.

Set out frost-proof Cabbage Plants. Sow Lawn Grass. Sow Oats, Canada Field Peas, Red Top, Orchard Grass and Lawn Seed. Set out Grape Vines and Fruit Trees. Spray fruit trees now.

MARCH—This is the month to begin general garden operations. Sow outdoors: Cabbage, Lettuce, Carrot, Beets, Parsley, Parsnips, Leek, Onion Seeds, Salsify, Spinach, English Peas.

Plant Onion Sets and Irish Potatoes. Sow Sweet Peas. Plant Early Corn. Set frost-proof Cabbage Plants, Onion Plants, Cauliflower and Lettuce plants, Asparagus, Horseradish and Rhubarb roots.

Sow farm seeds: Clover, Grasses, Oats, Alfalfa, Lawn Grass, Rape, and Lespedeza.

Set out fruit trees of all kinds, Strawberry, Raspberry and Blackberry plants. Continue to spray trees.

APRIL—Sow now, out-of-doors, Beets, Bush, Pole Beans, Carrots, Cress, Celery, Cucumber, Endive, Leek, Lettuce, Mustard, Okra, Parsley, Parsnip, Kohlrabi, Herbs, Peas, Radish, Swiss Chard, Squash, Tomato, and Turnip. Set out Onion Sets; plant Potatoes and Corn. Set out Cabbage, Beet, Onion and Lettuce plants.

Sow all kinds of Flower Seeds and plant Spring Bulbs.

Sow Rape, Clovers, Alfalfa, Millet, Sorghum, Kaffir Corn, Lespedeza, Sudan, Orchard and Herd's Grass. Plant Cotton, Corn and Artichokes.

Continue your spray work on Fruit Trees.

MAY—Plant Bush, Pole, Lima Beans, Beets, Cabbage, Carrot, Corn, Cucumber, Cantaloupe, Endive, Eggplant, Lettuce, Mustard, Okra, Pepper, Parsley, Parsnips, Peas, Pumpkin, Squash, Swiss Chard, Spinach, Tomato.

Sow Flower Seeds of all kinds; also put out Flower Bulbs; set out Cabbage, Tomato, Pepper, Eggplant and Sweet Potato slips. Sow Millet, Sorghum, Sudan, Bermuda Grass, Cow Peas, Chufas, Peanuts; plant Field Corn and Popcorn. Soy, Velvet Beans, Cotton, Kaffir Corn, Milo Maize, Sagrain.

JUNE—As you get space in your garden, plant Corn, Cucumbers, Cantaloupes, Collards, Pumpkin, Okra, Squash, Watermelon, Swiss Chard, Salsify, Carrots, Savoy Cabbage, and late Beets. Set out Tomato, Eggplant, Pepper and Sweet Potato plants. Sow a later crop of Bush, Lima and Pole Beans. Sow Tomato seed to set out later for Fall Crop.

In the field, sow Stock Peas, Soy Beans, Buckwheat, Broom Corn, Sorghum, Velvet Beans, Sudan, Bermuda Grass, Millet, Mexican June Corn and Sagrain.

July—Plant for late crops Corn, Cucumbers, Carrots, Savoy Cabbage, Collards, Tomato Seed, Bush, Pole and Lima Beans, Okra, Squash, Pumpkin, Rutabaga and Turnips.

Sow in the field: Cow Peas, Millet, Sorghum, Soy Beans, Sagrain, Sudan Grass, Mexican June Corn, Buckwheat.

AUGUST—Begin to plant now your Fall Garden. If weather is favorable, sow Turnips, Kale, Radish, Rutabagas, Collards, Mustard, Beet, Bush and Pole Beans, Lettuce, Cucumbers, Squash; plant Potatoes for late crop.

Sow Crimson and Burr Clover, Vetch and Rye. Millet sown this month will make a crop of Hay.

SEPTEMBER—Get busy on your Fall Garden. Sow Turnips, Rutabagas, Kale, Mustard, Swiss Chard, Spinach, Lettuce, Endive, Radish, Onion Seed. Set out Shallots and Onion Sets. Sow Crimson, Burr, Alfalfa, Red Clover, Grass Seeds, Vetch, Austrian Winter Peas, Rye, Barley, Winter Oats and Rape.

OCTOBER—Sow Spinach, Kale, Seven Top Turnips, Mustard. Set out Onion Sets, Shallots.

Sow Rye, Barley, Winter Oats, Wheat, Vetch, Austrian Winter Peas, Rape, Alfalfa, Red Clover, and all Grass Seeds, including Winter Lawn Grass Seed.

NOVEMBER—Set out Onion Sets and Shallots. Sow Winter Oats, Rye, Barley and Wheat, Winter Lawn and other Grass Seeds. Set out all kinds of Fruit Trees, Strawberry plants, Asparagus roots. Plant outside Hyacinths, Tulips, Crocus and Narcissus bulbs.

DECEMBER—Get your hotbed ready and sow Cabbage, Lettuce, Beet and Cauliflower seed for Spring use.

Continue to plant Dutch bulbs. Set out Fruit Trees and Shade Trees. Spray fruit trees and grape vines this month.

SPECIAL OFFER On packet garden and flower seeds. For 25c, six 5c packets; for 25c, three 10c packets; for 50c, thirteen 5c packets; for 50c, seven 10c packets. Make your selection. We pay postage.

RUSSELL-HECKLE'S TOP NOTCH SEEDS

We list in the following pages most desirable varieties of Garden and Flower Seed. Our personal selections backed by many years of experience in this territory gives you ample opportunity to select just what you like, which is not the case where selections are limited to over a few kinds.

Our list includes many new varieties that have proven worth while in this climate.



Mary Washington.

Asparagus

Culture—Sow outdoors in February and March in 18-inch rows, dropping two seeds every 6 inches, cover seeds 1 inch. One ounce will sow 50 feet of row and produce two hundred plants.

MARY WASHINGTON SEED. The New Giant Rust-proof Asparagus. It grows very large and being rust-proof makes it a very valuable variety for both home use and market. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 90c, postpaid.

MARY WASHINGTON ROOTS. Asparagus Roots thrive best in soil exceptionally rich and mellow and supplied with a liberal amount of humus. A simple way to start the Asparagus bed is to plow furrows 7 inches deep and 3 to 4 feet apart, then set the plants in the trench, allowing 12 to 18 inches between them; spread the roots out well and cover with two inches of soil. After cultivation, gradually fill up the trench, burying the crowns of the plants to a depth of 6 inches.

Prices: Strong 2-year roots, doz., 35c; 50 for \$1.00; 100 for \$1.70; postpaid. Not prepaid, doz., 25c; 50 for 75c; 100 for \$1.35; 1,000 for \$12.50.

Broccoli

Similar to Cauliflower and is prepared for the table in the same way. The seed should be sown and cared for in the same way as cabbage or cauliflower.

GREEN SPROUTING. The Italian Strain. An all seasons variety that comes into use about ninety days after planting. It is much less susceptible to weather changes than cauliflower and will produce heads in hot weather which would cause failure in cauliflower. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 75c, postpaid.

Brussels Sprouts

An erect growing plant whose stalk is closely covered with light green buds resembling small cabbages, which should be cooked in the same manner as cabbage or cauliflower. Seed may be sown early in April; later the plants may be set about 2 feet apart and cultivated like cabbage. Sow also in June for fall crop. Pkt., 10c; oz., 25c; ¼ lb., 60c, postpaid.



Brussel Sprouts.

Shell and Soup Beans

These are grown to use as dried beans during the winter. Plant in June and July using 15 to 20 pounds to the acre. Plant in 4-foot rows and cultivate well. All of the following varieties grow in a semi-bush form. One pound drills 150 to 200 feet of row. Be sure to inoculate this crop.

GREAT NORTHERN BEANS. Beans slightly larger than the Navy Bean; snow white and of splendid cooking quality.

WHITE NAVY BEANS. One of the grandest beans for farm crop.

RED KIDNEY BEANS. The good old-fashioned cooking bean. Large size and of good flavor.

DWARF HORTICULTURAL BEANS. Both pods and seeds splashed with red when ripe. Excellent for baking.

PINTO BEANS. Fine cooking bean, bears heavily.

Price any of above 5 varieties of Shell or Soup Beans uniform as follows: Postpaid, 1 lb., 25c; 2 lbs., 38c. Not prepaid, 1 lb., 15c; 2 lbs., 25c.



Bush or Snap Beans

Culture—These can be planted any time from April 1st to September 1st. Sow 3 inches apart in rows, and have the rows 2½ feet apart. One quart will sow 200 feet of row.

All of our Beans are carefully grown and will please the most critical market gardeners. It will also pay you to inoculate Beans with Nitragin or Humogerm and fertilize with sheep manure. Dust when in blossom with Slug Shot for Mexican Bean Beetles or with Magnesium Arsenate.

Dwarf Wax-Pod or Yellow Varieties

CURRIE'S RUST-PROOF WAX. Pods light yellow, similar in shape to Golden Wax. Five and one-half to six inches.

SURE CROP WAX. A recent introduction similar to Currie's Rust-Proof. Pods are longer, thicker through and entirely stringless.

DAVIS WHITE KIDNEY WAX. This is a well known market sort. The pods are long, about six inches, sometimes longer. Handsome, light yellow, straight, and are crisp and tender.

IMPROVED GOLDEN WAX. One of the most popular of the wax varieties. Edible in about 42 days after planting.

PROLIFIC BLACK WAX. Very early and productive, pods large and round, five to six inches long, strictly stringless, very brittle and of excellent quality.

PENCIL POD WAX. Very early and productive and absolutely stringless.

Price on any of above Dwarf Wax Podded Beans uniform as follows: Postpaid, ½ lb., 16c; 1 lb., 30c; 2 lbs., 48c. Not prepaid, ½ lb., 12c; 1 lb., 20c; 2 lbs., 35c.



Sure Crop Wax.

Bush or Snap Beans

Dwarf Green Podded Varieties

BURPEE'S STRINGLESS GREEN-POD. This variety is a favorite with a large number of truckers and gardeners in the South, and is also grown for canning purposes. The pods are medium green, five to six inches long, cylindrical, and are quite fleshy, absolutely stringless and ready for picking in 42 days after planting. **Price postpaid, ½ lb., 16c; 1 lb., 30c; 2 lbs., 48c. Not prepaid, ½ lb., 12c; 1 lb., 20c; 2 lbs., 35c.**

GIANT STRINGLESS GREEN-POD. This is a very desirable green-podded variety for the home garden and also for truckers. The handsome round pods are six to seven inches long, dark green in color, brittle and perfectly stringless. **Price postpaid, ½ lb., 16c; 1 lb., 30c; 2 lbs., 48c; Not prepaid, ½ lb., 12c; 1 lb., 20c; 2 lbs., 35c.**

IMPROVED RED VALENTINE. This is another variety that is planted largely by truckers and gardeners. The pods are of medium length, about five inches long, medium green color, curved, cylindrical and very crisp and tender. Ready for picking in 44 days after planting. **Price postpaid, ½ lb., 16c; 1 lb., 30c; 2 lbs., 48c. Not prepaid, ½ lb., 12c; 1 lb., 20c; 2 lbs., 35c.**

TENNESSEE GREEN-POD. This is a very hardy bean and a good yielder of large, very flat pods, six to seven inches long, dark green color and excellent flavor. This variety is planted very extensively in the South, and bears in about 43 days. **Price postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 53c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

STRINGLESS BLACK VALENTINE. For years the Black Valentine has been recognized as one of the finest flavored Beans in existence. Its one drawback has been "strings," but now after years of patient work our growers have developed a strain that is absolutely stringless. Pods are long, straight, absolutely stringless, and of excellent flavor. **Price postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.**

To Control the Mexican Bean Beetle

Use Magnesium Arsenate. It is effective and will not burn the foliage. Dust Form, 1-lb. cans, 30c; 4-lb. pkgs., 80c. Spray Form, 2-lb. pkgs., 60c. Not mailable.



Henderson Bush Lima.



Stringless Black Valentine.



Burpee's Stringless Green Pod.

Bush Lima Beans

HENDERSON BUSH LIMA. The "Baby Lima." Ready in 60 days. Early, hardy vines produce pods 3 inches long containing 3 or 4 Beans. **Price postpaid, ½ lb., 16c; 1 lb., 30c; 2 lbs., 48c. Not prepaid, ½ lb., 12c; 1 lb., 20c; 2 lbs., 35c.**

Standard Bush Lima Beans

BURPEE'S IMPROVED BUSH LIMA.
DREEK'S BUSH LIMA.
WOOD'S PROLIFIC BUSH LIMA.
FORDHOOK BUSH LIMA.
NEVER FAIL BUSH LIMA.

Postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.

Standard Bush Garden Beans

REFUGEE or 1000 TO 1. FULL MEASURE. LONGFELLOW BOUNTIFUL.

Prices on above uniform, viz: Postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 53c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.

BLACK VALENTINE. Very long, slender pods, dark green in color. Suited for both early and late planting. Excellent quality, very tender when picked young. **Price postpaid, ½ lb., 16c; 1 lb., 30c; 2 lbs., 48c. Not prepaid, ½ lb., 12c; 1 lb., 20c; 2 lbs., 35c.**

TENDERGREEN STRINGLESS. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 50c.

OREGON GIANT STRINGLESS. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 50c.

Price postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 65c.

FREE With Orders

1934 CALENDAR AND ALMANAC

Useful in many ways. Gives weather predictions for the next 12 months, with other information.

With first order we will mail you a copy of our 1934 Almanac Calendar.

Don't fail to ask for a copy when sending your order.



Kentucky Wonder.

Pole or Running Beans



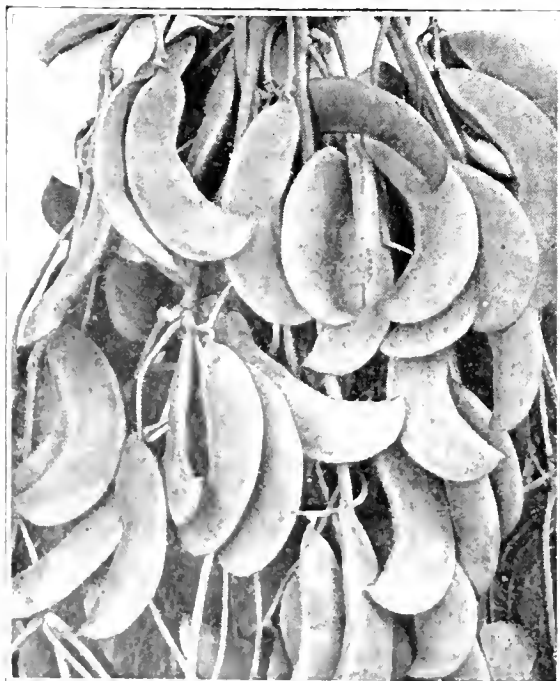
Culture—Plant in May and June in rows four feet each way; five in a hill. Pole beans can be planted as late as August 1st and they will bear a good crop. They can be planted in corn as well as with poles. One quart will plant about 200 hills. One peck will plant an acre.

KENTUCKY WONDER or OLD HOMESTEAD. It is almost needless to say anything about this great Pole Bean, for who has not grown it? It bears in 65 days from planting. The beans are 6 to 12 inches long, tender and rich. **Price postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.**

SCOTIA or STRIPED CORNFIELD. This is the real Cornfield Bean that you have read so much about. If you want a bean to plant in your corn, this is your one choice. It will produce the kind of results that you'll expect. **Price postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 53c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

MCCASLAN POLE BEAN. Pods average 8 to 10 inches in length, are flat, slightly curved and of a rich green color. Makes an excellent snap bean, and the white-shelled beans are unsurpassed for winter use. **Price postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 53c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

TENNESSEE WONDER. Long round pods; excellent for snaps as well as for dry shell beans. **Price postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.**



Carolina Sieva Pole Lima.

ASPARAGUS
YARD LONG
BEANS

Postpaid, pkt.,
10c; ½ lb.,
25c; 1 lb., 45c;
2 lbs., 63c. Not
prepaid, ½ lb.,
20c; 1 lb., 35c;
2 lbs., 50c.

Standard Pole Beans

WHITE SEEDED KENTUCKY WONDER.

LAZY WIFE POLE.

IDEAL BLACK POLE.

RED SPECKLED CUT SHORT. WHITE CREASEBACK.

KENTUCKY WONDER WAX. GOLDEN CLUSTER WAX.

Postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.

Pole Butter and Lima Beans



Culture—Plant in hills three to four feet apart each way, and two inches deep, allowing six seeds to each hill. When the plants are well established they should be thinned out to four. They are more sensitive to cold than Bush Beans and should

not be planted before May. They can be planted as late as July 15th.

CAROLINA SIEVA. This reliable small seeded Pole Lima is especially adapted for planting in the South. The pods are dark green, short, about three inches, curved, flat. Seed small, flat, white with slight tinge of yellow. It is the most generally known Butter Bean of the South. **Prices postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 53c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

FLORIDA or SPECKLED CALICO BUTTER. The best variety for bearing the whole season. It will make an abundant crop when others fail. Seeds of the Carolina or Sieva Lima size but are speckled white and brownish red. **Price postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.**

Standard Pole Lima and Butter Beans

KING OF THE GARDEN LIMA.

WILLOWLEAF LIMA.

LARGE WHITE LIMA.

Prices on above 3 varieties uniform as follows: Postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.



Emperor Carrot.

Celery

Culture—Sow in beds in February or March and keep well watered. Transplant to moist, mucky soil; six inches apart.

We can supply the following standard varieties of Celery:

GIANT PASCAL.
GOLDEN SELF BLANCHING.
HENDERSON'S WHITE PLUME.
CELERIAC TURNIP ROOTED.

Prices on above four varieties uniform as follows: Pkt., 5c; oz., 25c; ¼ lb., 70c; 1 lb., \$2.00, postpaid.

Celery Plants

Varieties: **GIANT PASCAL; WHITE PLUME.** Ready about April 1st. Price, postpaid, 25 for 25c; 100 for 60c. Not prepaid, 25 for 15c; 100 for 50c; 500 for \$2.00.

Cucumbers

Culture—For very early crop, plant in hot-beds; for later crop, plant from April to July in rich, well-manured hills, 4 feet apart, 10 seeds in hill; thin to two or three plants. One ounce to 50 hills.

DAVIS PERFECT. Their handsome shape and fine dark green color command the highest price of the market. Postpaid, pkt., 5c; oz., 12c; 2 ozs., 22c; ¼ lb., 30c; 1 lb., 75c.

EARLY FORTUNE. One of the best selections of the white spine type; is becoming very popular among the market men of the South. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; 1 lb., 85c.

IMPROVED EARLY WHITE SPINE. An extra early, white spine strain. Fruit averages from 8 to 10 inches long. Postpaid, pkt., 5c; oz., 12c; 2 ozs., 22c; ¼ lb., 30c; 1 lb., 75c.

IMPROVED LONG GREEN. The fruits are very long and of beautiful dark green color. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; 1 lb., 85c.

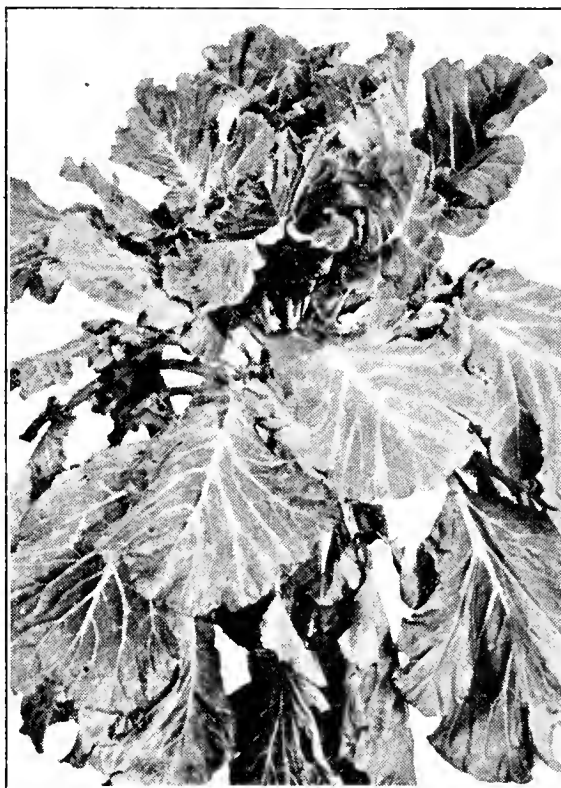
Carrots

Culture—Sow from February to September in light, deep, rich soil in drills 12 inches apart; plants should stand five inches apart in the rows; fertilize well. One ounce of seed to 100 feet of drill; four pounds to the acre.

DANVERS HALF LONG. Rich, light orange color. Roots average 6 to 8 inches long, tapering to a blunt point. Productive and a good keeper. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 45c; 1 lb., \$1.10.

HALF-LONG SCARLET or CHANTENAY. Slightly tapered blunt-rooted variety, the earliest of the large Carrots. Excellent for home gardens and early market. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 45c; 1 lb., \$1.10.

IMPERATOR CARROT. Long cylindrical roots 1 to 1½ inches in diameter. Pure orange-scarlet in color with practically no core, sweet and tender. Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 45c; 1 lb., \$1.25, postpaid.



Southern Collards.

CUCUMBERS—Continued.

STAY GREEN. 60 days. A splendid variety, 7 to 8 in. long, 2½ in. thick. Glossy dark green, white spined, cylindrical. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; 1 lb., 85c.

Standard Cucumber Seed

Sold at following uniform prices: Postpaid, pkt., 5c; oz., 12c; 2 ozs., 22c; ¼ lb., 30c; 1 lb., 75c.

BLACK DIAMOND.

CHICAGO PICKLE.

EARLY GREEN CLUSTER

EVERGREEN WHITE SPINE.

JAPANESE CLIMBING.

EVERBEARING.

GHERKIN or BURR, 25c lb. extra.

FREE GARDEN TOOLS

With any cash order for garden and flower seeds at catalog prices to value of \$2.00 or more, we will send you **FREE** one Hand Garden Trowel.

Standard Carrots

EARLY SCARLET HORN.
IMPROVED LONG ORANGE.
R. H. CO'S CORELESS.
YELLOW BELGIAN.
CXHEART.

Prices on above uniform as follows: Postpaid, pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 35c; 1 lb., \$1.00.

Collards

Culture—One ounce of seed will produce about 2,000 plants. Sow in spring or summer.

We can supply two standard varieties of Collards, viz—

GEORGIA WHITE CABBAGE and **SOUTHERN or GEORGIA.** Prices postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 55c.



Davis Perfect.

Garden Beets

Culture—For very early crop, sow in hotbeds in January and February and transplant. Sow outside in drills from March to July, as desired, for medium, early or late crop. Drills two or three feet apart. Use a light, clean, free, deep soil. One ounce will sow 50 feet of drill.

CRIMSON GLOBE. A variety popular with gardeners all over the country because of its excellent color, shape and size. Deep globular, with little crown and a clean, small tap root. About 3 in. in diameter. Flesh deep crimson, ringed and zoned. Tender and of delicious flavor. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 85c.**

CROSBY'S EGYPTIAN. Extremely early, deep red in color, almost black; flesh sweet, smooth, tender and of exceptionally fine quality; can be depended on for best results when grown either in the garden or under glass; highly recommended as an early market variety. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 85c.**

DETROIT DARK RED. This splendid second early variety we highly recommend for market and private gardens. Roots globular, very smooth, with short tops; skin blood-red; flesh dark blood-red, sweet, tender and delicious. The tops are small and upright in growth. Fine for market bunching. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., 90c.**

EARLY WONDER. R.-H. Co.'s Early Wonder Beet is the result of years of selection and improving, resulting, we believe, in the earliest and most handsome globe-shaped beet on the market. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., 90c.**

EARLY BLOOD TURNIP. A splendid variety, deep blood red skin, with rich red flesh, which is very tender and of excellent quality. **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 80c.**

Beet Plants

CROSBY'S EGYPTIAN. Ready about March 1st. **Postpaid, 100 for 40c; 500 for \$1.50; 1,000 for \$2.70.** Not prepaid, 100 for 30c; 500 for \$1.25; 1,000 for \$2.25.

Standard Beets

All sold at uniform price, viz: **Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 85c.**

EDMONDS BLOOD TURNIP. ECLIPSE BLOOD TURNIP. R. H. CO.'S IDEAL. LONG SMOOTH BLOOD.

Stock Beets or Mangels

Culture—Deep soil produces the largest crops. Sow in rows 18 inches to 2 feet apart, 1 inch deep, and when the plants are 3 to 4 inches high they should be thinned out 6 or 8 inches apart. Mangels make excellent feed for stock of all kinds.

Prices of any of the following Stock Beets, postpaid, oz., 10c; ¼ lb., 15c; 1 lb., 35c.

GIANT FEEDING SUGAR. Desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts, but also having higher nutritive value, being especially rich in sugar.

GOLDEN TANKARD MANGEL. Yields enormous crops; very rich in sugar; skin and flesh deep orange-yellow; oblong in shape.

MAMMOTH LONG RED MANGEL. Grows to an enormous size in deep, rich soil; is an excellent keeper. Various reports from our customers who have grown it show yields of 1,400 to 2,000 bushels per acre. Close-grained, tender flesh of rich flavor.



Early Wonder.

Cauliflower

Culture—Cultivate like cabbage. Sow in January or February for early crop; May or June for late. One ounce of seed makes 2,000 plants.

We offer two standard varieties, both succeed in this section. **DRY WEATHER** and **R.-H. EARLY SNOWBALL.** **Pkt., 10c; ½ oz., 60c; 1 oz., \$1.00; ¼ lb., \$3.00, postpaid.**

Cauliflower Plants

EARLY SNOWBALL—Ready about March 10th. **Postpaid, 25 plants, 35c; 100 for \$1.00.** Not prepaid, 25 plants, 25c; 100 for 75c; 500 for \$3.00.



Pe-Tsai

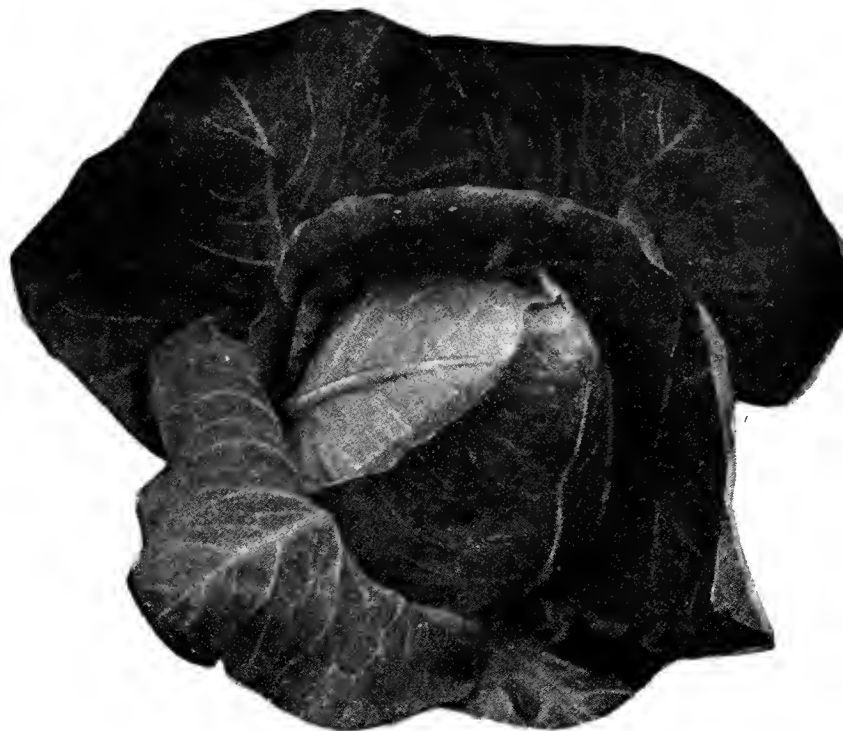
Chinese Cabbage

Heads 8 to 10 in. tall; rather broad. Leaves tightly folded, blanching the interior, making it crisp, tender and of delicious quality. Gaining in popularity each year. For salad, slaw and greens. **Postpaid, pkt., 5c; oz., 25c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.25.**

Cabbage

Culture—Cabbage is a very gross feeder, and well repays heavy manuring and high culture. It succeeds best on well-drained soil. The plants are started in frame or seed bed, and afterwards transplanted. Seed for early cabbages may be started in autumn in a cold frame, or in early spring in a hotbed. For main crop, summer and autumn cabbage, the seed should be sown in a rich border in the open air, in May or June. Sow shallow; a packet will produce about 250 plants; an ounce 2,000 plants; $\frac{1}{4}$ pound for an acre. Set plants $1\frac{1}{2}$ by 3 feet apart.

CHARLESTON LARGE WAKEFIELD. The one big advantage of Charleston is the greater size, where large-sized Cabbage are wanted either for market or private use. It is fully one-third larger than the Jersey Wakefield and therefore more popular. Heads are solid, pointed and it is a heavy yielder. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.10.



Charleston Large Wakefield.



Large Drumhead Savoy.

EARLY FLAT DUTCH. A dependable second early variety. Makes a solid, firm head which will remain in good condition longer than most other sorts. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.10.

Standard Varieties of Cabbage

LARGE LATE FLAT DUTCH. **EARLY SUMMER.**
EARLY DRUMHEAD. **SUCCESSION.**
LARGE LATE DRUMHEAD.

Price on above seven varieties uniform as follows: Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.10.

COPENHAGEN MARKET. One of the earliest round head or flat Cabbages. Almost as quick maturing as Charleston Wakefield. Postpaid, pkt., 5c; oz., 25c; 2 ozs., 35c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.25.

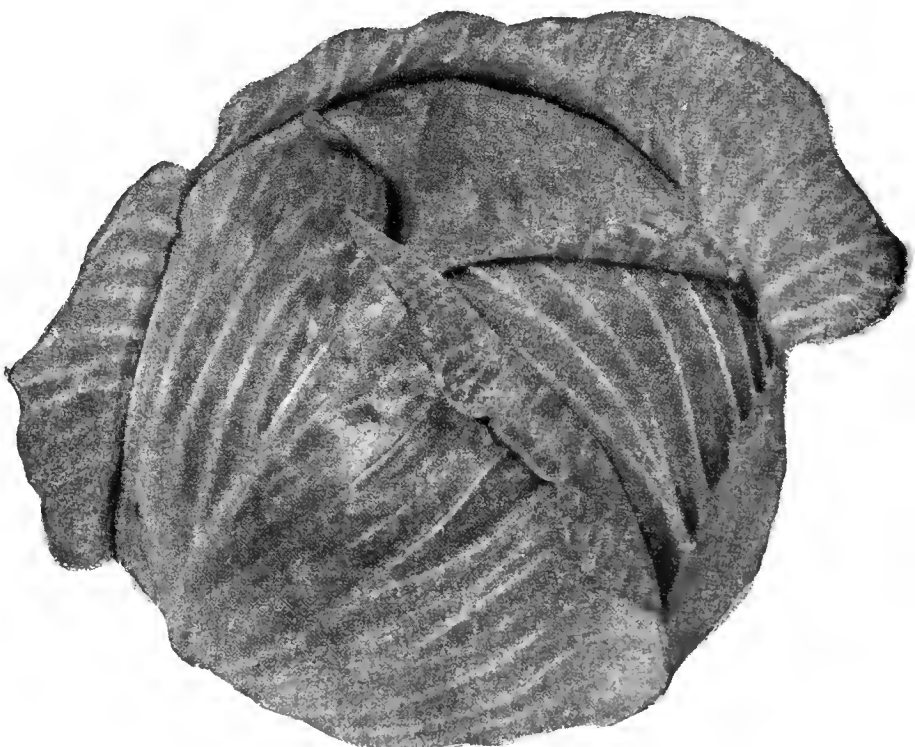
EARLY JERSEY WAKEFIELD. In size, medium; in shape, pyramidal with pointed peak. Its uncommonly fine heading qualities, together with its fitness for wintering in cold frames, pleases the most critical gardeners. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.10.

GOLDEN ACRE. A very fine new Cabbage from Denmark. Golden Acre produces heads a week to ten days ahead of Copenhagen Market. The head is of medium size, quite round, and is surrounded by a few small outer leaves. Price Genuine Long Island Grown Seed: Postpaid, pkt., 5c; oz., 25c; 2 ozs., 40c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.75.

LARGE DRUMHEAD SAVOY. The best and largest heading of the Savoy. Few people seem to know the delicious flavor of Savoy Cabbage. It is far superior to the flat-leaved sorts, and as tender as cauliflower after frost. Postpaid, pkt., 5c; oz., 25c; 2 ozs., 35c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.25.

MAMMOTH RED ROCK. The largest and hardest heading red Cabbage in cultivation. Postpaid, pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; 1 lb., 1.75.

ALL SEASONS. A popular Cabbage for fall use, and a splendid keeper. Large, flattish round heads, unexcelled for kraut. Very thrifty in hot dry weather. Heads weigh about 10 lbs. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.10.



Copenhagen Market.

Frost-Proof Cabbage Plants



Frost-Proof Cabbage Plants should be set out 4 to 6 weeks earlier than home-grown plants. They will mature fine hard heads three weeks before hotbed plants.

Varieties: **JERSEY WAKEFIELD, CHARLESTON LARGE WAKEFIELD, and EARLY FLAT DUTCH.**

No order filled for less than 100 of a variety. We do not ship any plants C. O. D. Our terms are cash with order.

Prices: Parcel post paid, 100 for 35c; 500 for \$1.20; 1,000 for \$2.00.

Not prepaid, by express, from Memphis, 500 for \$1.00; 1,000 for \$1.50.

Prices F. O. B. growing station, express collect: 1,000 for \$1.25; Subject to crop conditions.

Garden and Sweet Corn

Culture—For early market, plant the garden varieties latter part of March. Sugar Corn should not be planted until April, then at intervals of two weeks for a succession. Sugar and Garden Corns planted in July will mature late roasting ears. Plant 4 to 8 quarts to the acre. Treat seeds with Semesan, Jr.

EARLY SURPRISE. We offer the genuine stock of this splendid early roasting ear variety. Don't be misled. Be careful, plant the originator's Early Surprise Corn and get it right. Come to headquarters for your supply this season of this very distinct variety of early garden Corn. **Postpaid, ½ lb., 16c; 1 lb., 30c; 2 lbs., 43c. Not prepaid, ½ lb., 12c; 1 lb., 20c; 2 lbs., 30c.**

EARLY TABLE CORN. This early variety is similar to the Adams Early but larger and a few days earlier, pure white, set on a long slender ear, of a fine sweet flavor, and it sells readily on the early market on account of its size and appearance. Produces two good ears to the stalk and is ready for the table in about 52 days. **Postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 53c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

ELAM'S EARLY MARKET. This Corn is positively one of the earliest of the very large-eared Garden Corns; ears measure 10 to 12 inches. It matures in about 65 days. In color the ears are pure white; very tender and palatable. **Postpaid, ½ lb., 14c; 1 lb., 30c; 2 lbs., 43c. Not prepaid, ½ lb., 10c; 1 lb., 20c; 2 lbs., 30c.**

GOLDEN BANTAM. Extra early, sweet, tender and delicious. The stalks grow to a height of four feet, and can be planted close together in the row. They bear two or three good small ears to the stalk. **Postpaid, ½ lb., 16c; 1 lb., 30c; 2 lbs., 48c. Not prepaid, ½ lb., 12c; 1 lb., 20c; 2 lbs., 35c.**

R.-H. CO.'S BEATS ALL SUGAR CORN. This variety was introduced by us two seasons ago and has proven to be undoubtedly the largest eared Early Sugar Corn in existence; the ears average 7 to 9 inches long, with 12 to 14 rows of the large sweet kernels. Stalk grows 6 to 7 feet tall, and each stalk will produce two good size ears. Every gardener should find space for this sugary, large size, early Sweet Corn. Makes roasting ears of quality in about 70 days. **Postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 53c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

WHIPPLE'S EARLY YELLOW. An extra early yellow Sugar Corn. Larger than Golden Bantam. Stalks grow 5 to 6 feet, and many produce two large ears. Kernels bright yellow, tender, sweet and finest quality. Whipple's Early Yellow Sugar Corn is ready for the table in about seven weeks. **Postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 48c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

Standard Sweet Corn

Prices uniform as follows on varieties named below. **Postpaid, ½ lb., 14c; 1 lb., 30c; 2 lbs., 43c. Not prepaid, ½ lb., 10c; 1 lb., 20c; 2 lbs., 30c.**

**LARGE EARLY ADAMS,
TRUCKER'S FAVORITE.
EXTRA EARLY ADAMS.**

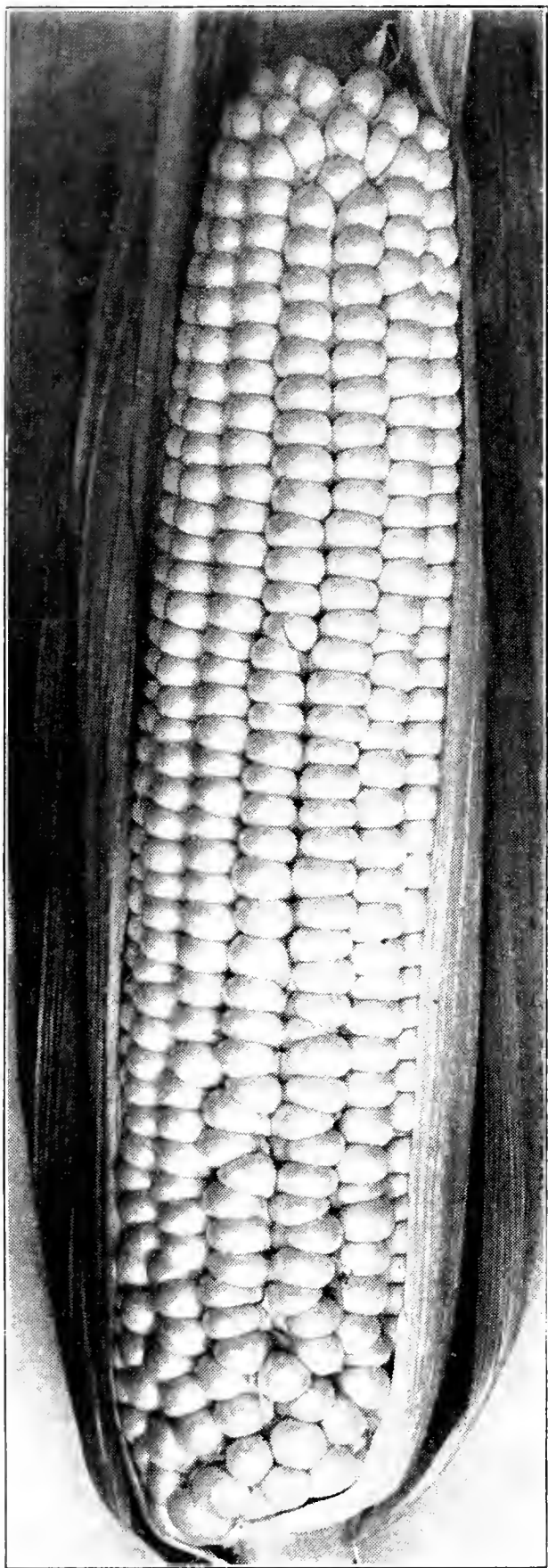
**EARLY SNOWFLAKE.
IMPROVED ADAMS.**

Standard Sugar Corn

Prices uniform as follows on the varieties mentioned below, except as noted; **Postpaid, ½ lb., 19c; 1 lb., 35c; 2 lbs., 48c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c.**

**BORDENS WONDER BANTAM.
COUNTRY GENTLEMAN.
HOWLING MOB.
BLACK MEXICAN. Postpaid, pkt., 10c; ½ lb., 20c; 1 lb., 30c.**

**GOLDEN SUNSHINE.
MAMMOTH SUGAR.
STOWELL'S EVERGREEN.**



R.-H. Co.'s Beats All Sugar Corn.

Pop Corn

We can supply the following varieties, prices uniform: **Postpaid, ½ lb., 14c; 1 lb., 25c; 2 lbs., 38c. Not prepaid, ½ lb., 10c; 1 lb., 15c; 2 lbs., 25c.**

WHITE RICE.

CLARK'S IMPROVED BABY RICE.

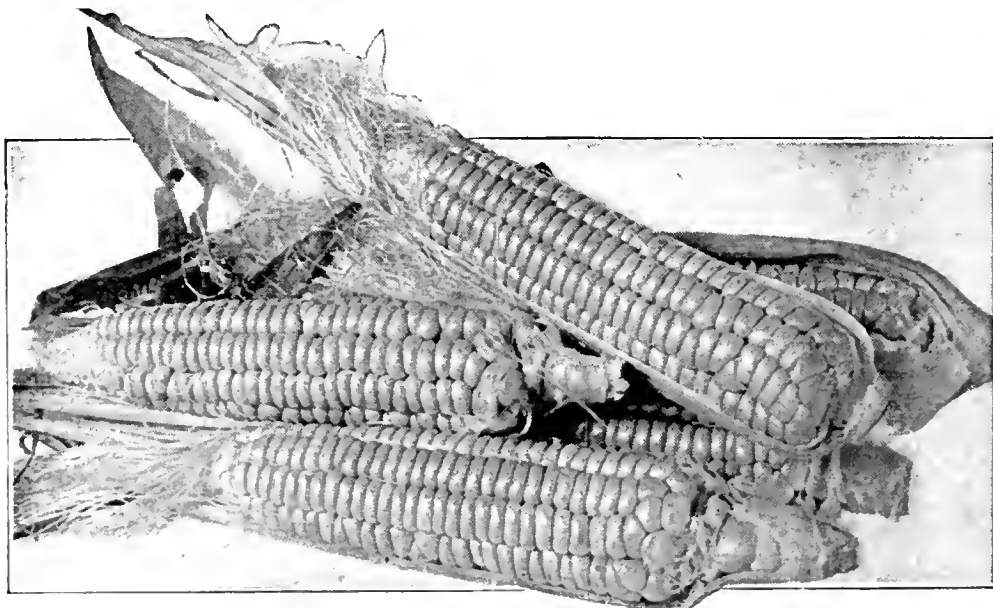
CLARK'S GOLDEN BABY RICE.

SOUTH AMERICAN DYNAMITE YELLOW.

JAPANESE HULLESS.

Treat Garden Corn With Semesan Jr.

Permits earlier planting, gives better germination, better stands, therefore, larger yields. Ask for circular, 4-oz. pkg., treats 1 bushel, 40c; 1-lb. pkg., \$1.50.



Early Surprise.

Eggplant

Culture—Sow in February or March. When 2 inches high transplant in May to 3-foot rows in deep, rich loam. One ounce of seed will produce 1,000 plants.

BLACK BEAUTY. This is the earliest and best of all large-fruited Eggplants. Fruits are thick and of the most attractive form. The skin is a rich lustrous purplish-black. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., 90c; 1 lb., \$2.90, postpaid.

NEW YORK IMPROVED PURPLE. The old standard variety. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., 90c; 1 lb., \$2.90, postpaid.

EGGPLANT PLANTS.

Variety: BLACK BEAUTY. Ready about April 20th. Postpaid, doz. for 30c; 50 for 65c; 100 for \$1.00. Not prepaid, doz. for 20c; 50 for 50c; 100 for 85c; 500 for \$3.00; 1,000 for \$5.00.

Endive

Culture—One ounce will sow 200 feet of drill. Sow about the middle of April, and for succession in June and July, 1 foot apart. When nearly full grown, and before they are fit for the table, they should be blanched by tying the leaves loosely together.

LARGE GREEN CURLED. The hardest variety; beautifully curled. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.10, postpaid.

BROAD-LEAVED BATAVIAN. (Escarolle). Leaves long and broad, thick and succulent. One of the choicest salads. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.10, postpaid.

Herb Seeds

	Prices Postpaid	Pkt.	Oz.
BASIL, Sweet—For flavoring soups		.10	.50
DILL, Mammoth—Used for flavoring pickle		.05	.15
LAVENDER—Used for its odor		.10	.60
MARJORAM, Sweet—Used in seasoning		.10	.50
ROSEMARY—For seasoning meats and soups		.10	.75
SAVORY, Summer—Used as a culinary herb		.10	.35
SWEET FENNEL, Italian Finocchio		.10	.15
SAGE, Broad Leaved—A popular plant		.10	.40
THYME, English—Much used for seasoning		.10	.60

Garlic

Plant in spring or fall in rows, cultivate and harvest same as onions. ¼ lb., 20c; 1 lb., 35c, postpaid. Not prepaid, ½ lb., 15c; 1 lb., 25c.

Gourds

Plant in April, as soon as ground is warm. Prices postpaid.

DIPPER GOURD	Pkt., 5c; oz., 20c.
DISH RAG GOURD	Pkt., 5c; oz., 25c.
NEST EGG GOURD	Pkt. 5c; oz., 20c.

Horseradish Roots

Large, strong cuttings, 30c per doz.; \$2.00 per 100; \$15.00 per 1,000. If wanted by mail, add 10c per dozen for postage.

Kale

Culture—Sow from 2 to 3 pounds to the acre, 1 ounce to 200 feet of drill. Sow in March or September in drills or broadcast.

DWARF GREEN CURLED. Leaves curled. The best variety for fall sowing. Stands all winter. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 55c, postpaid.

TALL GREEN CURLED SCOTCH. A beautiful curled variety. Fine for spring planting. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c, postpaid.

BLOOMSDALE EXTRA CURLED. Light green, beautifully curled leaves. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c, postpaid.

Kohlrabi

Sow in drills as early as the ground can be worked, thinning out to stand 5 to 6 inches in the row. For fall use, plant in August or early September.

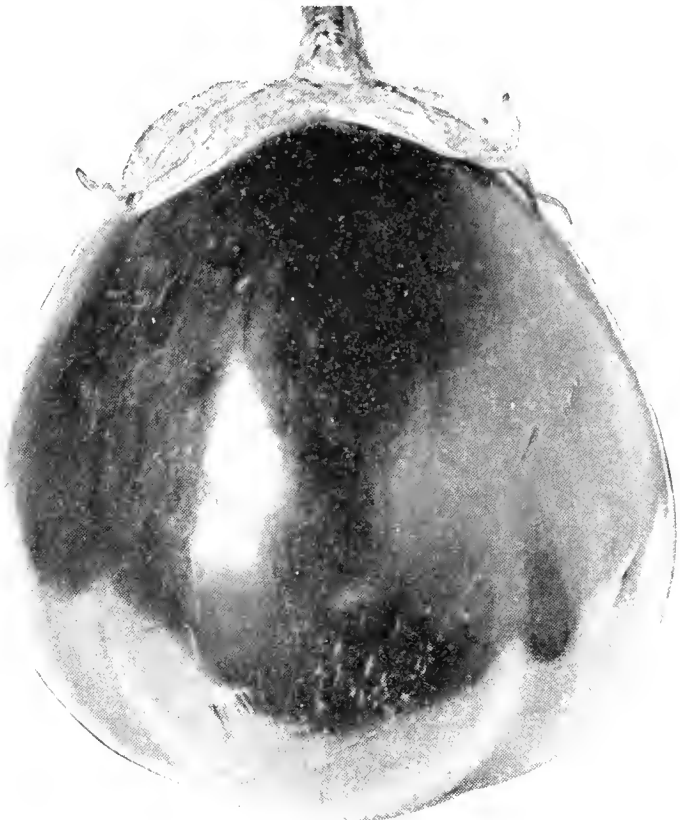
EARLY WHITE VIENNA. This is the best and earliest variety for table use. Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., \$1.60, postpaid.

Leek

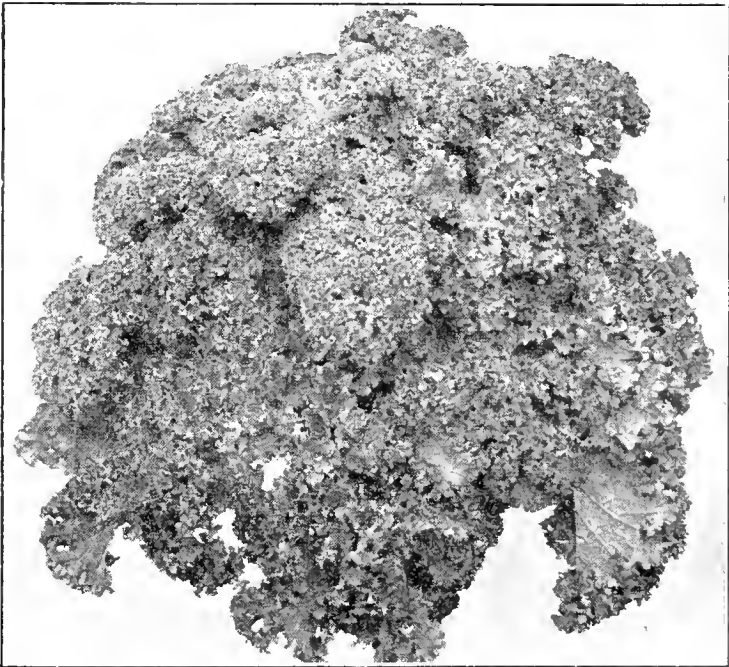
LONDON FLAG. Hardy, productive and of the best quality. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.35, postpaid.

Miscellaneous Seeds

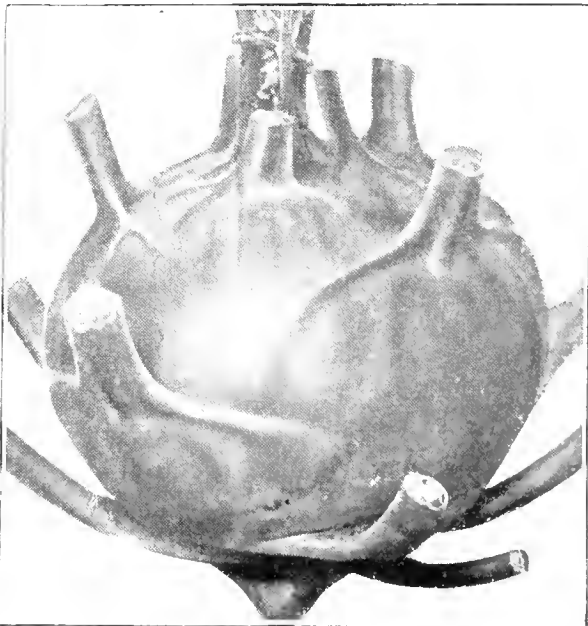
Prices postpaid.	Pkt.	½ oz.	1 oz.	¼ lb.	1 lb.
CORN SALAD	.05	.10	.15	.30	\$1.15
CRESS, Curled	.05	.10	.15	.30	.90
CHICORY, Witloof	.10	.15	.25	.40	1.25
CHICORY, Madgeburg	.10	.15	.25	.40	1.25
CHIVES	.10	.30	.50	1.25	4.25
DANDELION	.10	.25	.40	1.00	3.50
DILL	.05	.10	.15	.30	.90
RHUBARB	.10	.15	.25	.50	1.35
TOBACCO, Havana	.10	.25	.40	1.50	4.25
TOBACCO, White Burley	.10	.25	.40	1.25	3.75



Black Beauty Eggplant.



Dwarf Green Curled Kale.



Kohlrabi.

Lettuce

Culture—One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowing may be made in the open ground from April to middle of August, every 2 or 3 weeks for succession.

BIG BOSTON. Our strain is reselected, sure to head, and produces solid heads of large size, often 10 to 12 inches across, which are slow to go to seed. The leaves are thin, hard and crisp, comparatively smooth but wavy at the edges, and are of bright light green color, slightly tinged with reddish-brown. The inner head blanches to an attractive greenish-white. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; 1 lb., \$1.00, postpaid.**

BLACK SEEDED SIMPSON. A popular curled or loose leaved variety. It is light green colored, with inner leaves almost white. Good for spring and early summer culture. Large growth, excellent quality. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; 1 lb., 90c, postpaid.**

NEW YORK or WONDERFUL. A large heading variety, frequently weighing 2 to 3 lbs. Outer leaves large and crumpled. Blanched heart, creamy, crisp, tender, free from bitterness. The most popular shipping lettuce grown in this country. **Pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 45c; 1 lb., \$1.25, postpaid.**

Lettuce Plants

Varieties: **BIG BOSTON** and **NEW YORK** or **WONDERFUL.** Ready about March 1st. **Postpaid, 50 for 25c; 100 for 45c; 500 for \$1.50. Not prepaid, 50 for 15c; 100 for 25c; 500 for \$1.25; 1,000 for \$2.00.**



New York or Wonderful.

Standard Varieties of Lettuce

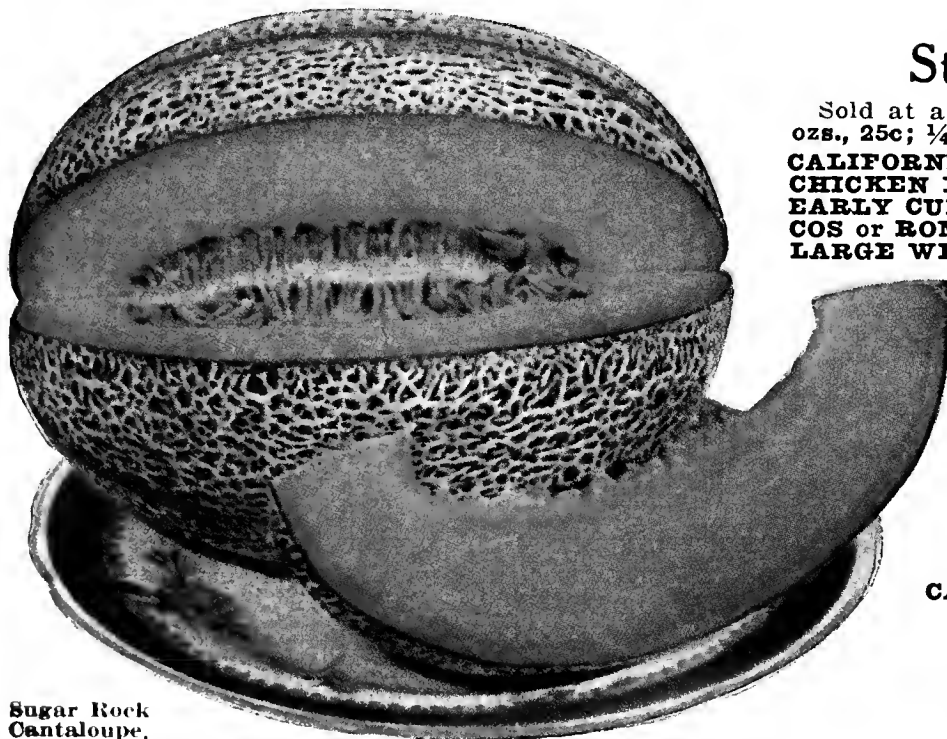
Sold at a uniform price as follows: **Postpaid, Pkt, 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; 1 lb., \$1.10.**

CALIFORNIA CREAM BUTTER. NEW ICEBERG. CHICKEN LETTUCE. MIGNONETTE. EARLY CURLED SIMPSON. PRIZEHEAD. COS or ROMAINE. IMPROVED HANSON. LARGE WHITE CABBAGE HEAD.

Muskmelon or Cantaloupe

Culture—Plant in hills 5 feet apart in light, rich soil, well manured; 10 seeds to hill; thin to 4 plants. Cultivate well. Pinch off ends of vine as they begin to blossom, which will increase the yield. One ounce to 50 hills. For borers or worms, spray as soon as blossoms appear with Bordo Arsenate and add Blackleaf 40.

CALIFORNIA BEAUTY. We do not know of a better cantaloupe than California Beauty. A medium large, pink flesh melon. The meat is thick, deep salmon in color, very sweet and tender, shape is slightly oval with heavy netting. **Pkt., 5c; oz., 15c; 2 ozs., 30c; ¼ lb., 50c; 1 lb., \$1.35, postpaid.**



Sugar Rock Cantaloupe.

HALE'S BEST. An early melon with very thick flesh of sweet flavor. Broad, oval fruits 6½ in. by 5½ in.; indistinct ribbing, heavy netting. **Pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 30c; 1 lb., 85c, postpaid.**

SUGAR ROCK CANTALOUPE. Of that desirable size in demand in all markets; round, inclined to oval in shape. Distinctly ribbed and well netted—color of skin grey-green. The firm flesh is an attractive green of exquisite texture, sugary, juicy, tender. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; 1 lb., \$1.10, postpaid.**

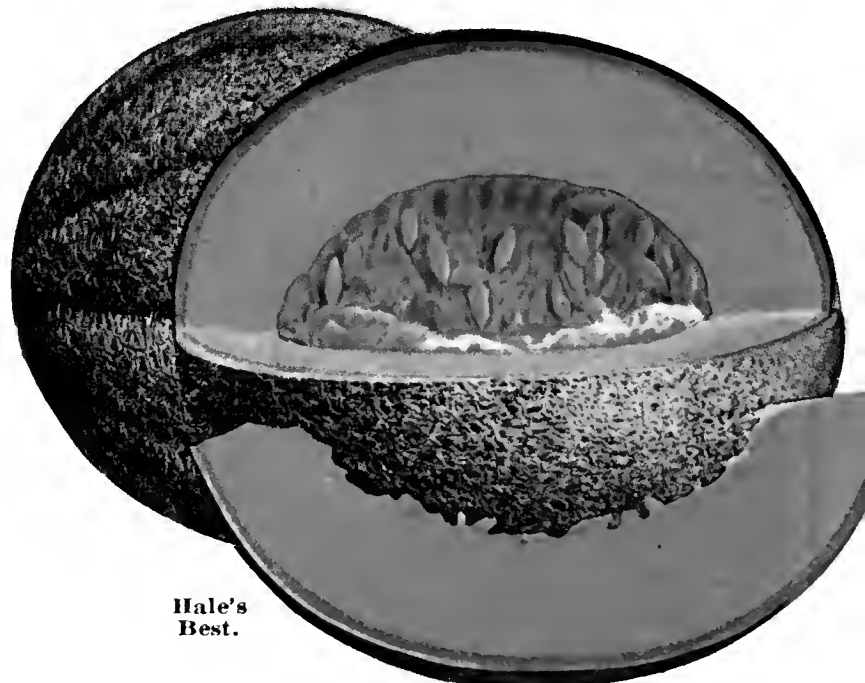
HEARTS OF GOLD. Medium size, round, heavily netted; flesh very thick, of rich orange color, and of the sweetest flavor. **Pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 30c; 1 lb., 85c, postpaid.**

Standard Cantaloupes

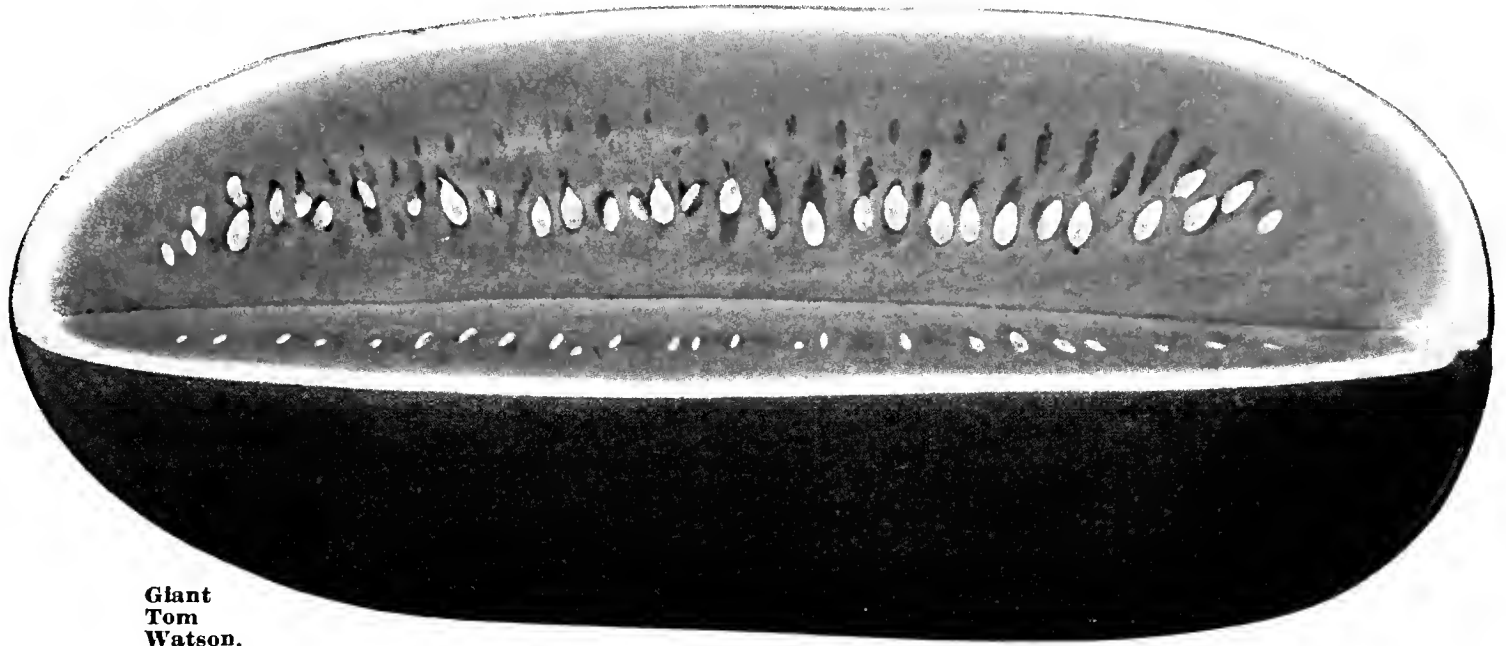
Prices on the following varieties uniform as follows: **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; 1 lb., 80c.**

SUPERFECTO. MAMMOTH ROCKY FORD. BANANA. LAKE CHAMPLAIN. HONEY DEW. HONEY BALL. TIP TOP NUTMEG. LARGE HACKENSACK. GOLDEN BEAUTY CASABA.

The following varieties sold at a uniform price, viz: **Pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 30c; 1 lb., 75c, postpaid**
ROCKY FORD. PINK MEAT ROCKY FORD. LONG YELLOW CANTALOUPE. ACME or BALTIMORE.



Hale's Best.



Giant
Tom
Watson.

R.-H. Co.'s Watermelons

CULTURE—One ounce to forty hills; 3 or 4 pounds to the acre. Drop seed in well manured hills 6 to 8 feet apart, 6 to 10 seeds, one inch deep, and thin to three best plants. Generally about the middle of April is the proper time to plant melons in this section.

EXCEL. The Excel is a large, long green Melon, often weighing 50 to 60 pounds, flesh deep red and ripened well out to the rind. Color of rind deep green and occasionally deep green stripes. The meat is very sweet and free from hard centers. This wonderful melon is favored by buyers, especially those demanding large sizes. Pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 30c; 1 lb., 85c, postpaid.

KLECKLEY SWEETS. Immensely popular because of its superb flavor and surpassing crispness. It is not overly large, but is medium in size, oval shaped, with an average length of about 18 or 20 inches. It is mottled green on the outside, with the flesh a bright red and of extremely fine quality. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 60c, postpaid.

STONE MOUNTAIN. A very large, medium green, round melon of excellent quality. Flesh highly colored, very solid, with fewer seeds than most watermelons. This is rapidly gaining a well deserved popularity in the South where the fruits frequently attain a weight of 60 to 80 pounds. The rind is tough enough to stand handling for nearby markets but will not stand long distance shipping. Pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 30c; 1 lb., 85c, postpaid.

SPECIAL STONE MOUNTAIN. Extra select stock. This seed is saved from only the largest and most perfect shaped melons. Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 50c; 1 lb., \$1.10, postpaid.

R. H. CO.'S MAMMOTH GIANT.

This is the big giant Watermelon displayed at our Mid-South Fair last fall. Many wondered at its immense size, 133 lbs. On good soil, this variety will produce melons weighing from 80 lbs. to over 100 lbs. The quality of the meat is very good, deep red and sweet. The melon proper is a big round shape with dark green rind and has black seeds. Postpaid, pkt., 15c; ½ oz., 25c; 1 oz., 45c; 2 ozs., 75c; ¼ lb., \$1.25; 1 lb., \$4.00.

R.-H. CO.'S GIANT TOM WATSON.

A special selection of the Watson Melon. The specimen shown at our Mid-South Fair weighed just 100 lbs. This long beautifully shaped fruit has all the good qualities of its parent and for size it requires a wheelbarrow to move it. Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; 1 lb., \$1.60, postpaid.

Standard Varieties

Sold at a uniform price: Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 60c, postpaid.

BLACK DIAMOND.

FLORIDA FAVORITE.

TOM WATSON.

GEORGIA RATTLESNAKE.
IRISH GRAY.

These varieties sold at the following prices: Pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 30c; 1 lb., 70c, postpaid.

HALBERT HONEY.

NEW WONDER.

GOLDEN HONEY.

SCHLOCHLER.

R.-H. CO.'S BIG BOY.

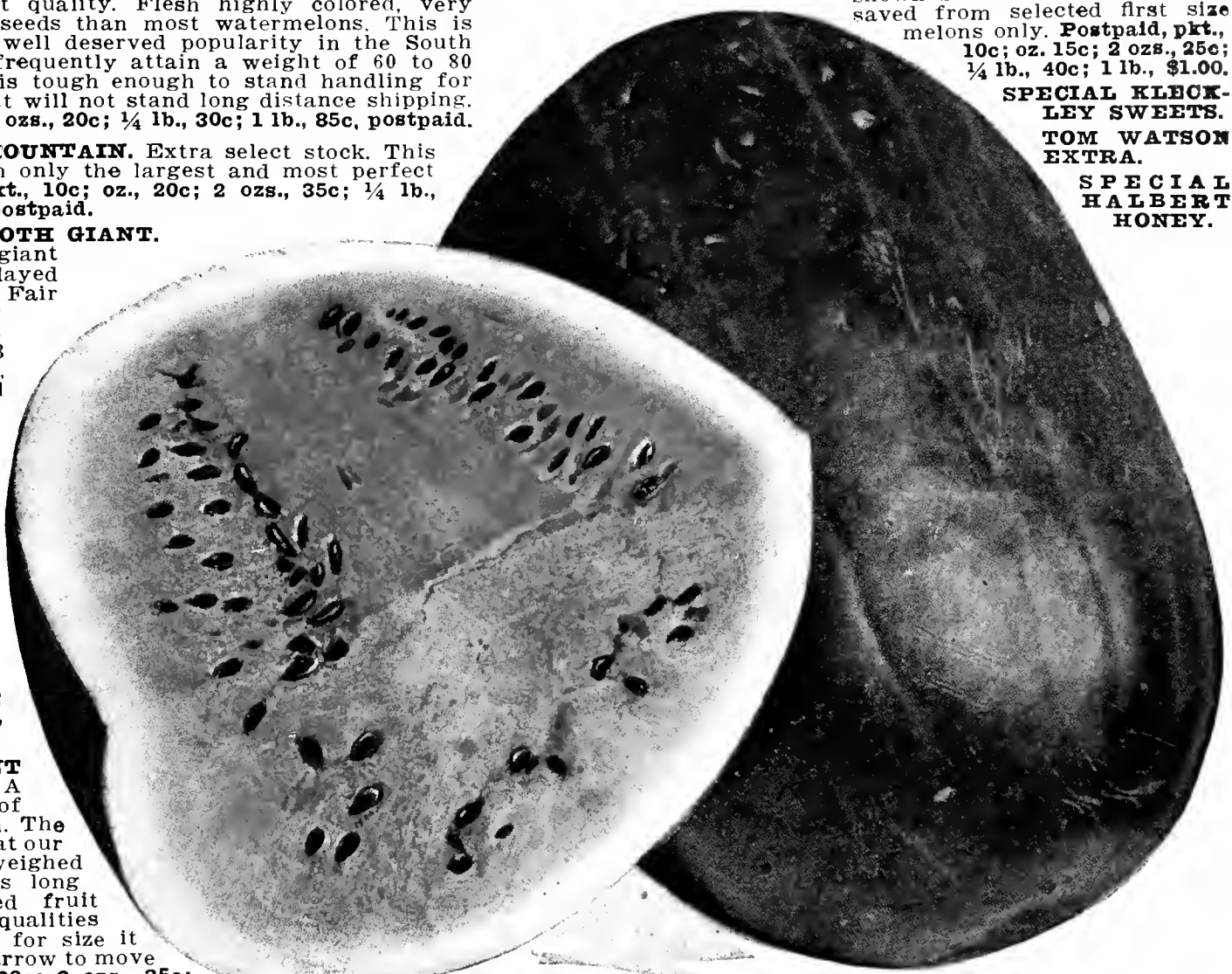
SPECIAL SELECTED WATERMELON SEED

The following varieties are sold at a uniform price as shown below. All the seeds are saved from selected first size melons only. Postpaid, pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; 1 lb., \$1.00.

SPECIAL KLECKLEY SWEETS.

TOM WATSON EXTRA.

SPECIAL HALBERT HONEY.



R.-H. Co.'s Mammoth Giant.



Southern Giant Curled Mustard.

Okra

Culture—One ounce will plant 100 hills. Sow about the first of May, in drills 3 feet apart, and thin out the plants to one foot apart. Soak seed in water 12 hours—they germinate easier.

We can supply three standard varieties of Okra, viz: **EARLY DWARF GREEN, TALL or LONG GREEN and WHITE VELVET.** All at the following prices: Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; 1 lb., 40c, postpaid.

Onion

Culture—Sow in January or February in hotbeds. Transplant to 12-inch rows, five inches apart. Sow outdoors in rows in March.

Standard Onion Seed Prices

LARGE RED WETHERSFIELD.
YELLOW GLOBE DANVERS.
SWEET SPANISH.
SOUTHPORT WHITE GLOBE.
LARGE RED GLOBE.
WHITE SILVERSKIN.
PRIZETAKER.
AUSTRALIAN BROWN.
PROSPERITY or BUNCHING ONION.
 Pkt., 5c; oz., 20c; 2 ozs., 30c; ¼ lb., 50c; 1 lb., \$1.50, postpaid.

Special Varieties

YELLOW BERMUDA.
GIANT ITALIAN RED TRIPOLI.
CRYSTAL WHITE WAX BERMUDA.
GIANT ITALIAN WHITE TRIPOLI.
 Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 65c; 1 lb., \$2.00, postpaid.

Onion Sets

Culture—Plant four to six inches apart in 12 to 24 inch rows. For prices by the bushel see Green Ink List enclosed.

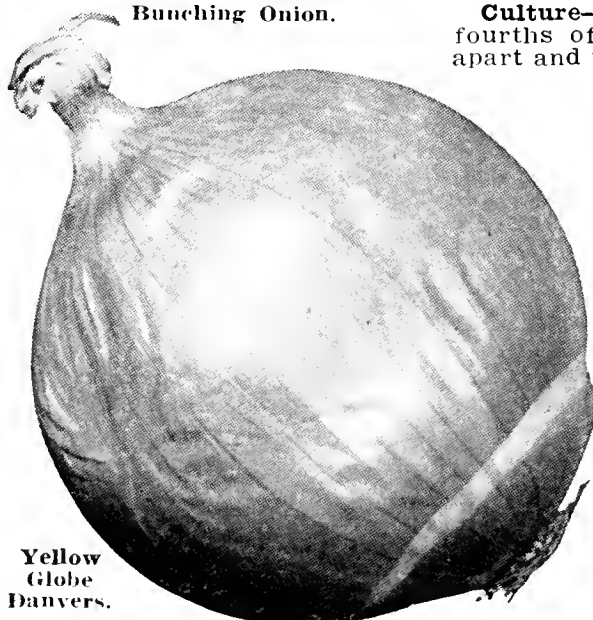
	Postpaid.		Not prepaid.	
	Qt.	Gal.	Qt.	Gal.
LARGE RED WETHERSFIELD.....	\$.20	\$.60	\$.15	\$.50
YELLOW GLOBE DANVERS .....	.20	.60	.15	.50
WHITE SILVERSKIN .....	.25	.70	.20	.60
WHITE MULTIPLIER .....	.25	.70	.20	.60
RED WINTER SHALLOTS .....	.15	.45	.10	.35

Bermuda Onion Plants

CRYSTAL WHITE WAX and YELLOW STRAW COLORED. Prices F. O. B. Memphis: 100 for 10c; 500 for 40c; 1,000 for 60c. Prices postpaid: 100 for 20c; 500 for 60c; 1,000 for 85c. All prices on onion plants are subject to crop conditions and market changes. All plants ready for shipment February 1st. See Green Ink List for prices by the crate.



Bunching Onion.

Yellow
Globe
Danvers.

Mustard

Culture—Sow from February to April or September and October; broadcast or in drills, six inches apart. Cut when about three inches high. One ounce seed to 80 feet drilled; six pounds to acre broadcast.

FORDHOOK FANCY. The vigorous-growing plants have beautiful, dark green, curled leaves. It is most productive from early spring sowings, and stands well, even during the hot summer months. Most popular of all. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 45c, postpaid.

CHINESE MAMMOTH. An excellent sort with very large, light green, plain smooth leaves. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 45c, postpaid.

JAPANESE MUSTARD-SPINACH. A new variety introduced in this country from Japan. It takes the place of Spinach as it remains tender even in dry weather. Also called Tendergreen. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; 1 lb., 50c, postpaid.

Standard Varieties of Mustard

ELEPHANT EAR. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 50c, postpaid.

FLORIDA BROAD LEAF. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 50c, postpaid.

BLACK or BROWN MUSTARD and WHITE LONDON MUSTARD. Postpaid, oz., 5c; ¼ lb., 10c; 1 lb., 35c.

SOUTHERN GIANT CURLED MUSTARD. Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; 1 lb., 45c.

Parsley

Culture—Soak seed in water for a few hours and sow in rich soil early in Spring in rows a foot apart and cover lightly. Parsley is slow to germinate and is sometimes 3 to 4 weeks in coming up. One ounce will sow 150 feet of drill. Sow in March and April, also in September.

DOUBLE CURLED PARSLEY.

CHAMPION MOSS CURLED PARSLEY.

PLAIN or SINGLE PARSLEY.

Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 70c, postpaid.

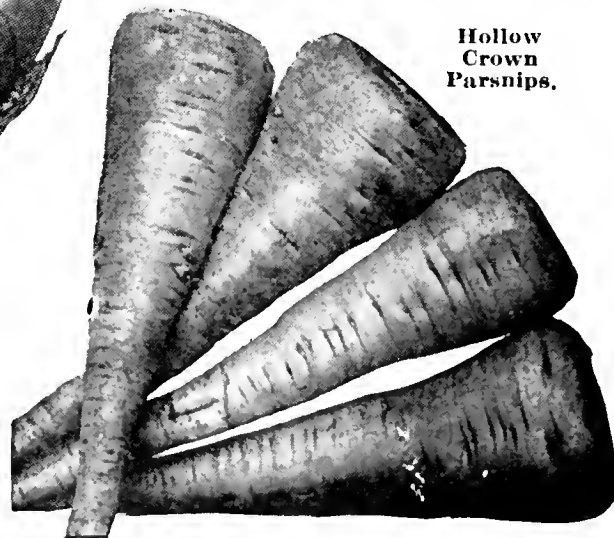
Parsnips

Culture—Sow the seed in early spring, three-fourths of an inch deep in rows 12 to 18 inches apart and when 3 inches high thin to 6 inches apart in the row. One ounce of seed for 100 feet of row; 5 pounds of seed required for an acre.

HOLLOW CROWN or SUGAR PARSNIP. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; 1 lb., 60c, postpaid.

EVER GREEN SPRAY

A new discovery. Kills without burning. Non-poisonous. Effective against lice on turnip greens, cabbage, etc., leaf hoppers and worms that bother cantaloupes, cucumbers, tomatoes, etc. 1 oz., bottle, 35c; mailed, 40c.

Hollow
Crown
Parsnips.

Peppers

Culture—One ounce will produce about 1,000 plants. For early plants sow in hotbeds the latter part of January, and transplant to open after all danger of frost is over, in rows 3 feet apart, 15 to 18 inches apart in the rows. **HARRIS EARLY GIANT.** Earliest of all large fruited sorts. A very large sweet Pepper, producing good crops. The plants are of vigorous growth and covered with enormous Peppers about 4 inches high and 3 inches through. Pkt., 5c; ½ oz., 20c; oz., 35c; 2 ozs., 60c; ¼ lb., 80c; 1 lb., \$2.85, postpaid.

CALIFORNIA WONDER. A giant-podded sweet Pepper, maturing very early, similar in shape to Bull Nose, but much larger and flesh thicker, deep green when young and a rich red when ripe; flavor mild. Pkt., 5c; ½ oz., 20c; oz., 35c; 2 ozs., 60c; ¼ lb., 90c; 1 lb., \$3.00, postpaid.

Standard Varieties

BELL or BULL NOSE. **LONG RED CAYENNE.**
RUBY KING. **ROYAL KING.** **PIMENTO.**
 Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 ozs., 40c; ¼ lb., 60c; 1 lb., \$1.90, postpaid.

OTHER PEPPERS

CHINESE GIANT. **WORLD BEATER.**
BIRDS EYE CREOLE. **RED CHILI.**
TABASCO.
 Pkt., 5c; ½ oz., 25c; oz., 40c; 2 ozs., 60c; ¼ lb., \$1.00; 1 lb., \$3.50, postpaid.

Pepper Plants

Varieties: **CHINESE GIANT, CALIFORNIA WONDER** and **LONG RED CAYENNE.** Ready about April 20th. Postpaid: doz. for 30c; 50 for 65c; 100 for \$1.00. Not prepaid: doz. for 20c; 50 for 50c; 100 for 75c; 500 for \$3.00; 1,000 for \$5.00.

Sweet Potatoes

Certified Seed

Plant only disease-free seed Sweet Potatoes and Sweet Potato Slips. They mean better quality and better crops. Can furnish the following varieties:

CERTIFIED NANCY HALL. Skin yellow, meat sweet, of amber yellow. Prices on request.

CERTIFIED PORTO RICO YAMS. Deep orange meat, soft, sweet and of best flavor; skin golden color with slight purplish tinge. Prices on request.

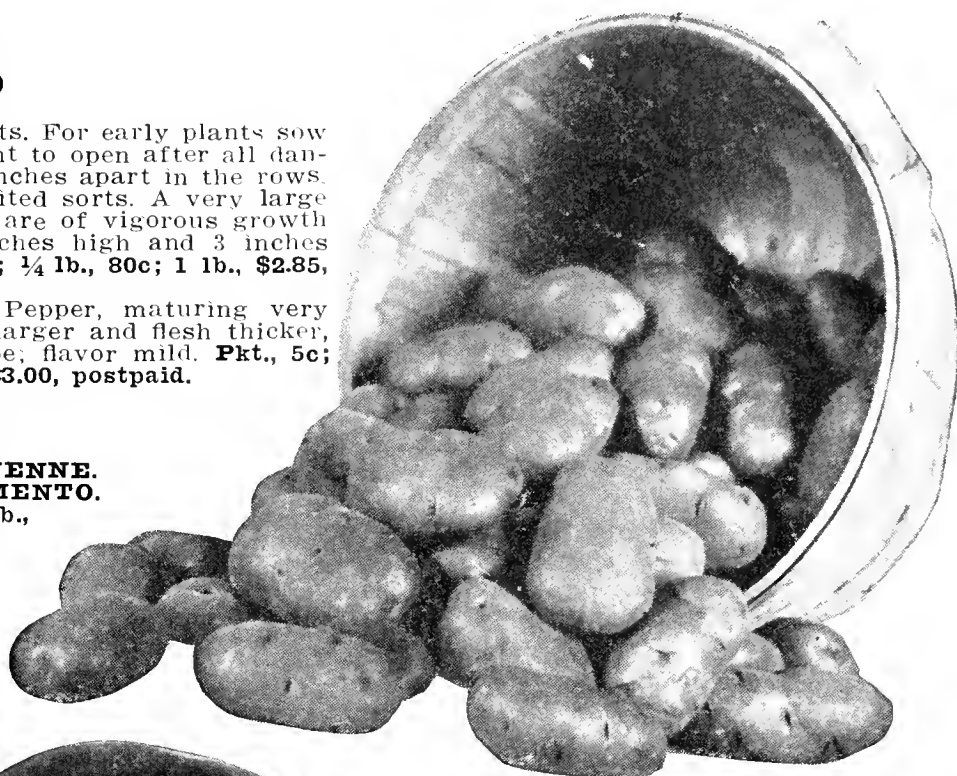
Certified Sweet Potato Slips

CERTIFIED NANCY HALL SLIPS. **CERTIFIED PORTO RICO SLIPS.** Prices by express: 500 for \$1.50; 1,000 for \$2.50. Quantity prices given in our Green Ink List.

Treat Irish Potatoes
with **SEMESAN BEL**

Treat Sweet Potatoes
with **CORROSIVE SUBLIMATE**

These materials prevent and cure diseases and are priced on pages 57 and 59, of this book.



Certified Red Triumph.



California Wonder.

Irish Potatoes

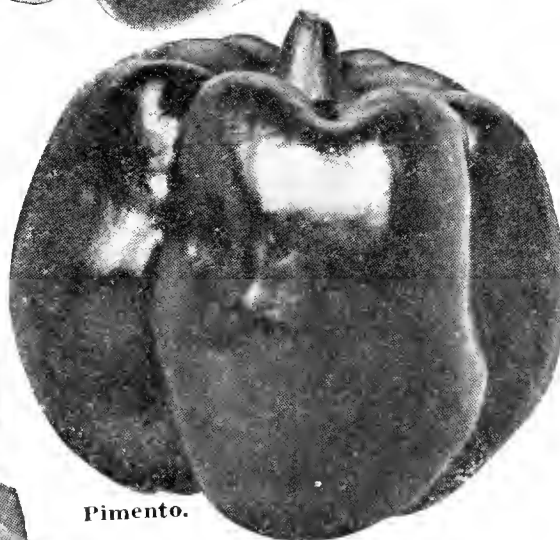
Culture—Will mature in 70 to 90 days, according to the variety. Cut two eyes, drop them every 15 inches, and make rows 3 feet apart; cover eyes 2 inches; plant in February, March and April for early crops. On account of market fluctuations, we are unable to name exact prices. Will be pleased to have you write during the month of February or later. Will then quote prices for prompt or future shipments.

CERTIFIED RED TRIUMPH. You can depend on our stock of Bliss Red Triumphs. They are smooth, sound and free from diseases and true to type, so tagged and certified by the state which produces them. Remember, only State Certified Seed Potatoes can be shipped into Mississippi and other states.

CERTIFIED IRISH COBBLER POTATOES. A popular, early white potato of fine quality. Very productive.

Summer Seed Potatoes

We will have to offer for summer planting cold storage Lookout Mountain, McCormick and Red Triumph Potatoes. Prices will be given in June and July. Write us.

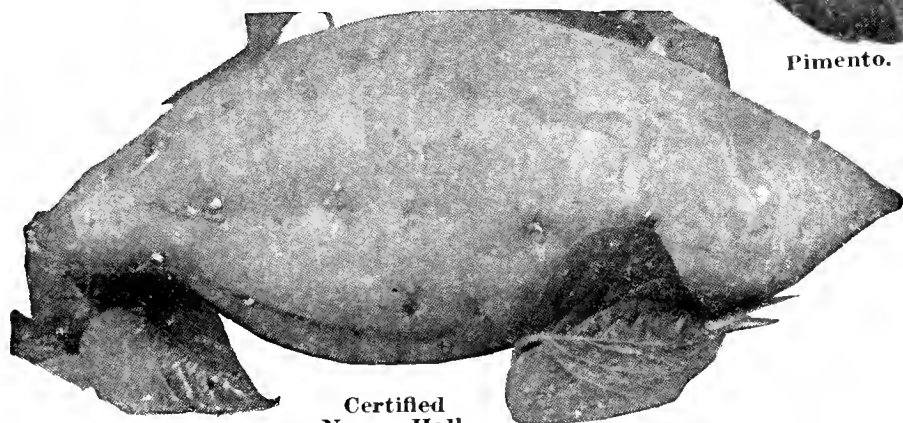


Pimento.

How to Get a Stand of Fall Irish Potatoes

Use Ethylene Chlorhydrin. This chemical when applied to the cut potatoes causes a complete quick sprouting by drying them out, consequently you can use your own May dug potatoes after they have been out of the ground for three weeks, and by treating with Ethylene Chlorhydrin you will get a perfect stand by Sept. 1st, and consequently a sure crop. The treatment is simple and inexpensive. Complete directions for using come with the material.

½ pt., enough for 2 bushels of seed potatoes, 50c; 1 pt., \$1.00; 1 qt., \$2.00; ½ gal., \$2.75; 1 gal., \$4.25. See page 57 for prices by mail.



Certified Nancy Hall.

Russell-Heckle's Garden Peas



varieties are marked (*). These should not be planted until March.

Culture—The pea is hardy and endures cold well, either in or above the ground. It is best to sow the earliest varieties as soon as possible (February), in warm, light soil, prepared the previous autumn or winter. The main crop may be sown about two weeks later. Sow Peas in drills about 2 to 3 inches deep, in rows 2½ to 3½ feet apart. One quart will sow 100 feet of drill. All wrinkled

DWARF TELEPHONE.* Dwarf growing strain of the popular Telephone; big pods on vine 2½ feet high. Fine large pods of dark green color, 4½ inches long, straight and pointed, containing 8 to 9 large, dark green peas of extra fine quality and sweet flavor. A favorite sort for market and the home garden. Ready to use in 68 days. **Postpaid**, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. **Not prepaid**, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.

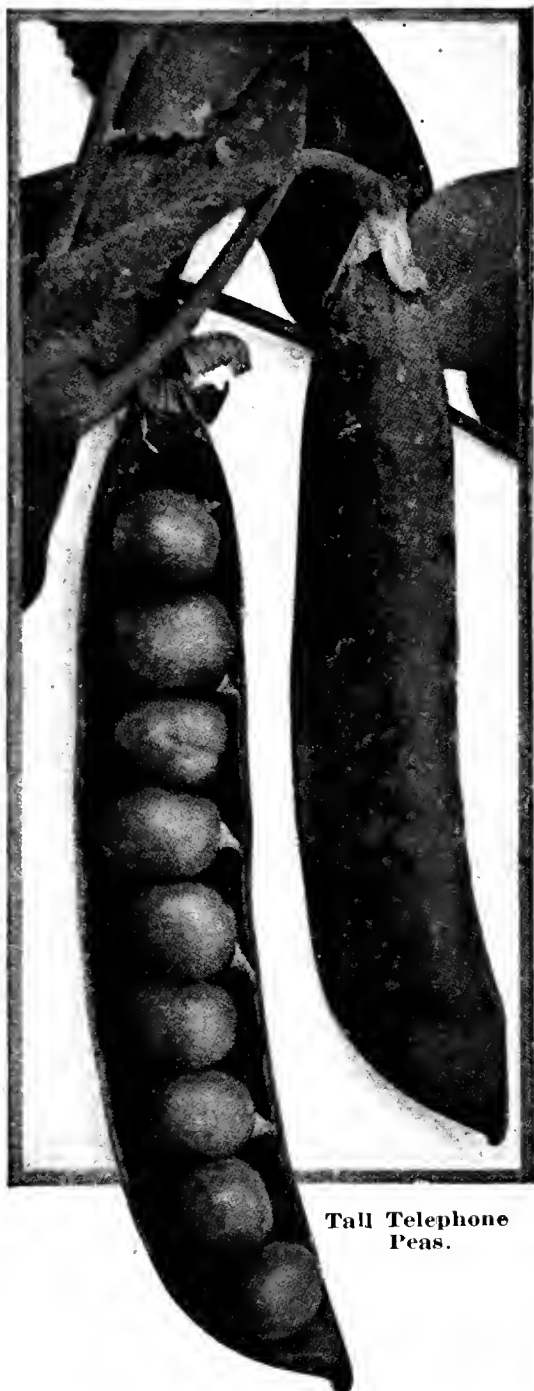
EARLY ALASKA. Matures in 50 days. This is an extra early pea, blue in color, earlier by a few days than any other kind; very fine and prolific; the best flavored pea among the extra early smooth-podded kinds. **Postpaid**, ½ lb., 16c; 1 lb., 30c; 2 lbs., 53c. **Not prepaid**, ½ lb., 12c; 1 lb., 20c; 2 lbs., 40c.

EARLY BIRD. This variety is one week later than Early Alaska but has larger pods which are dark green in color, filled with plump sweet peas; seed being smooth. They can be planted very early. **Postpaid**, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. **Not prepaid**, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.

HUNDREDFOLD.* This new wrinkled variety means perfection in dwarf peas. Bears dark green, fairly broad and pointed pods, four inches long, containing about eight large peas. The vines are 16 inches high. **Postpaid**, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. **Not prepaid**, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.

MAMMOTH POD EXTRA EARLY. This is without question the best extra early pea for market gardeners. It is only five days later than Alaska and the pods are almost as large as Gradus. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Height, three feet. **Postpaid**, ½ lb., 19c; 1 lb., 35c; 2 lbs., 63c. **Not prepaid**, ½ lb., 15c; 1 lb., 25c; 2 lbs., 50c.

THOMAS LAXTON.* Large-podded, early Pea, containing on the average seven or eight large, sweet wrinkled peas of the richest flavor. The vines attain a height of from three to three and one-half feet. **Postpaid**, ½ lb., 19c; 1 lb., 35c; 2 lbs., 58c. **Not prepaid**, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.



Tall Telephone Peas.

Standard Wrinkled English Garden Peas

ALDERMAN.*	LAXTONIAN.*
AMERICAN WONDER.*	LAXTON'S PROGRESS.*
BLISS EVERBEARING.*	MAMMOTH SUGAR EDIBLE POD.*
CHAMPION OF ENGLAND.*	McLEAN'S LITTLE GEM.*
GRADUS or PROSPERITY.*	NOTT'S EXCELSIOR.*
	TALL TELEPHONE.*

Postpaid ½ lb., 19c; 1 lb., 35c; 2 lbs., 63c. **Not prepaid**, ½ lb., 15c; 1 lb., 25c; 2 lbs., 50c.

Pumpkins

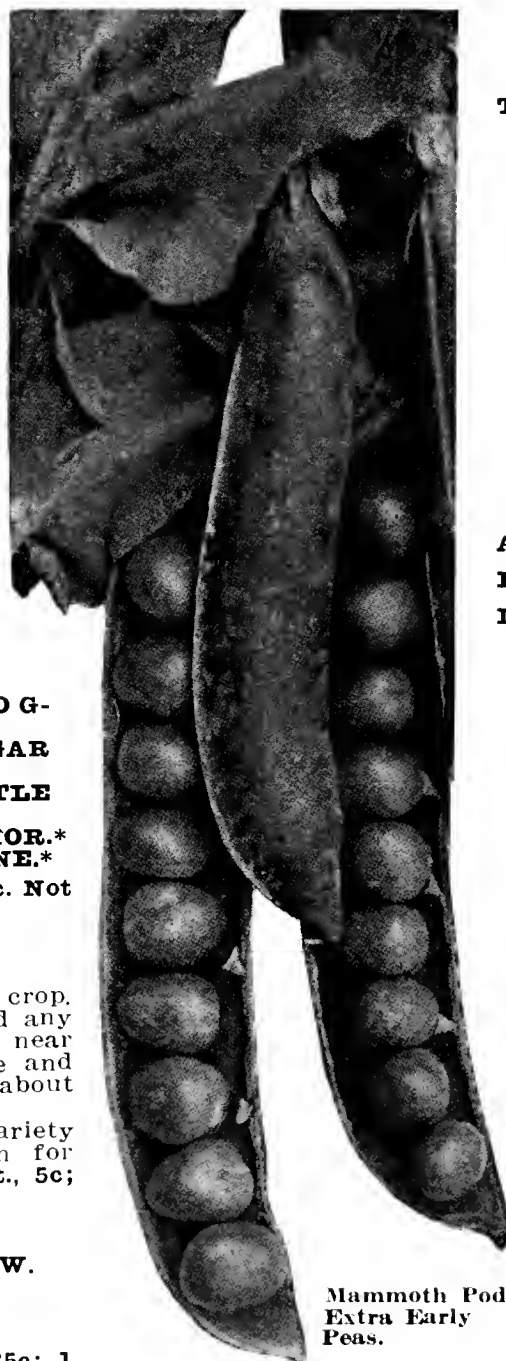
Culture—They may be grown as a field crop. Plant in hills 8 feet apart each way, and any time after first of May. Avoid planting near other vine crops, as they will hybridize and damage that crop. One ounce will plant about 25 hills, 4 pounds to the acre.

YELLOW KENTUCKY FIELD. A large variety of good quality; the standard pumpkin for field cultivation and stock feeding. **Pkt.**, 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c, **postpaid**.

Standard Pumpkins

JAPANESE PIE.	STRIPED CUSHAW.
KING OF THE MAMMOTH.	
TENNESSEE SWEET POTATO.	
SMALL SUGAR.	

Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; 1 lb., 85c, **postpaid**.



Mammoth Pod Extra Early Peas.

Standard Garden Peas

SMOOTH VARIETIES

AMEER.

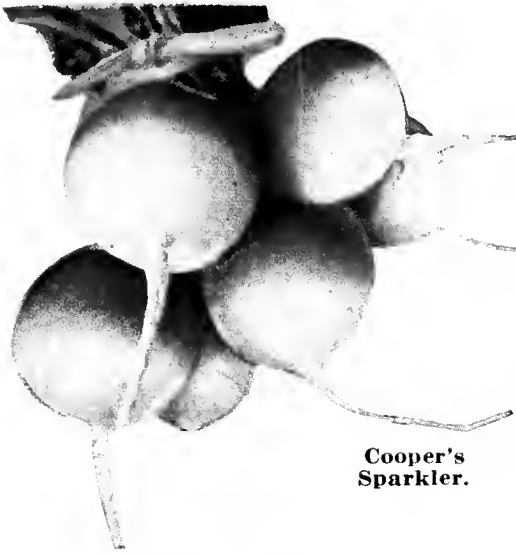
FIRST AND BEST EXTRA EARLY.

LARGE WHITE MARROWFAT. **Prices** **postpaid**, ½ lb., 19c; 1 lb., 35c; 2 lbs., 53c. **Not prepaid**, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.



Yellow Kentucky Pumpkin.

Radish



Cooper's Sparkler.

Standard Radish Prices

FRENCH BREAKFAST.
PERFECTION WHITE TIP.
EARLY SCARLET TURNIP.
EARLY LONG SCARLET SHORT TOP.
EARLY SCARLET TURNIP WHITE TIP.
MIXED VARIETIES.

Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; 1 lb., 50c, postpaid.

Other Radishes

EARLY BIRD.
LONG BLACK SPANISH.
CHINA ROSE WINTER.
CHINESE MAMMOTH WHITE.
SCARLET GEM FORCING.

Pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 25c; 1 lb., 60c, postpaid.

Culture—To be tender and crisp, radishes must be grown quickly and this requires rich soil and moisture. Begin as early as possible in the spring and sow at intervals of about 10 days in a light, rich, deeply worked soil. For fall and winter, sow in August and September. One ounce sows 50 feet in drills; 10 to 12 lbs. to the acre.

COOPER'S SPARKLER. This radish is an improved type of the Scarlet Turnip White Tip and is superior to the original. The top half is beautiful scarlet; the bottom half clear white. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; 1 lb., 50c, postpaid.

EARLY SCARLET GLOBE. The roots of this variety are slightly olive shaped and are a rich bright scarlet in color. The flesh is white and tender. The roots are fit to pull as early as Scarlet Turnip, but are larger when matured. We especially recommend this for shipping. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; 1 lb., 45c, postpaid.

WHITE ICICLE. Long, slender, pure white, the earliest and finest long white radish. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; 1 lb., 50c, postpaid.



White Icicle.



New Long Standing Bloomsdale.

it may be sown at intervals of two or three weeks, from March to August. One ounce to 100 feet of drill; 10 to 12 pounds to an acre.

NORFOLK BLIGHT RESISTANT SAVOY. A variety of Bloomsdale Spinach that is Blight resistant, therefore making it a very desirable sort, since it holds its color at all times. The leaves are dark green, crumpled, large and of beautiful appearance. For market, grow the Norfolk Blight Resistant Spinach. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 50c, postpaid.

OLD DOMINION. A sensational new Savoy-leaved type developed at the Virginia Experiment Station after 20 years of careful selection and breeding. It is a beautiful Spinach of the Bloomsdale type, upstanding, heavily savoyed, dark colored, and very slow in running to seed. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 60c, postpaid.

NEW ZEALAND. The variety which endures heat and hence is an ideal variety for summer use. One single plant will grow to dimensions of 6 feet across, producing an abundance of thick, fleshy, juicy stems and leaves. Plant in hills 2 feet apart each way, 3 or 4 seeds to a hill. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 60c, postpaid.

BROAD LEAVED FLANDERS. Leaves bright green, broad and thick. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; 1 lb., 45c, postpaid.

KING OF DENMARK. Has beautiful crumpled dark green leaves, thick and of fine quality, and remains in good condition fully two weeks longer than other varieties before going to seed. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 50c, postpaid.

FILLBASKET. The largest growing variety. Glossy dark green foliage, crumpled and thick in texture. Ready to cut in 45 days. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 50c, postpaid.

NEW LONG STANDING BLOOMSDALE CURLED SAVOY. A long standing strain, slow in running to seed. Remains in edible condition longer than most varieties. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 50c, postpaid.

For Market Gardeners!

BLOOMSDALE CURLED SAVOY SPINACH. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; 1 lb., 45c, postpaid.



New Zealand.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.

Free With Orders

1934 CALENDAR AND ALMANAC

When requested, we will mail you a copy of our 1934 Almanac Calendar.

Don't fail to ask for a copy when sending your order.

Squash

Culture—After danger of frost is past, plant in a warm, well-pulverized, rich soil, mixing well-rotted manure with the soil in each hill. Plant 8 or 10 seeds to the hill; the bush varieties 4 to 6 feet apart, the running sorts 8 to 10 feet.

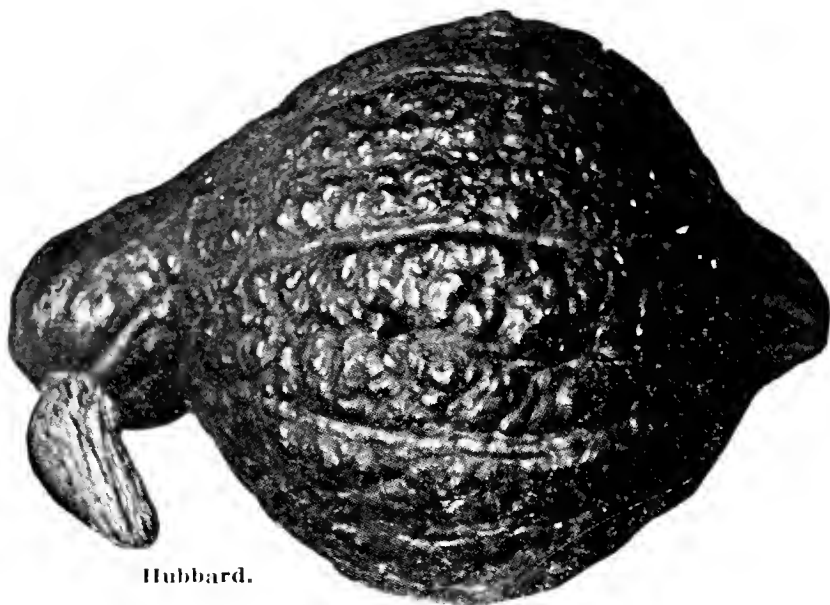
EARLY WHITE BUSH PATTY PAN. The most popular of white summer types of squash. The fruits are rather small, quite flat, with ridges or scalloped edges. The vines are bushy, and the fruits are 8 inches across by 3 inches in diameter. **Pkt., 5c; oz., 12c; 2 ozs., 20c; ¼ lb., 25c; 1 lb., 70c, postpaid.**

GREGORY'S DELICIOUS. An excellent variety for every home garden. Fruits are top-shaped, with a rich dark green skin, mottled with lighter shadings. Flesh is thick, dark orange in color, sweet and dry. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; 1 lb., \$1.00, postpaid.**

HUBBARD. Flesh is bright yellow, thick, fine grained, very dry and sweet. Splendid for pies. A good keeper. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; 1 lb., \$1.00, postpaid.**

YELLOW SUMMER CROOKNECK. Of true bush growth, very early-fruiting and productive. The skin is a beautiful deep orange and the flesh a rich shade of salmon-orange. Of delicious flavor and very meaty. **Pkt., 5c; oz., 12c; 2 ozs., 20c; ¼ lb., 25c; 1 lb., 75c, postpaid.**

ZUCCHINI. A long Italian squash, 18 to 24 inches long and 4 inches thick when matured. Dark green marbled with yellow and lighter green stripes. Usually picked at the length of 5 or 6 inches and stewed or fried in olive oil. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; 1 lb., \$1.00, postpaid.**



Hubbard.

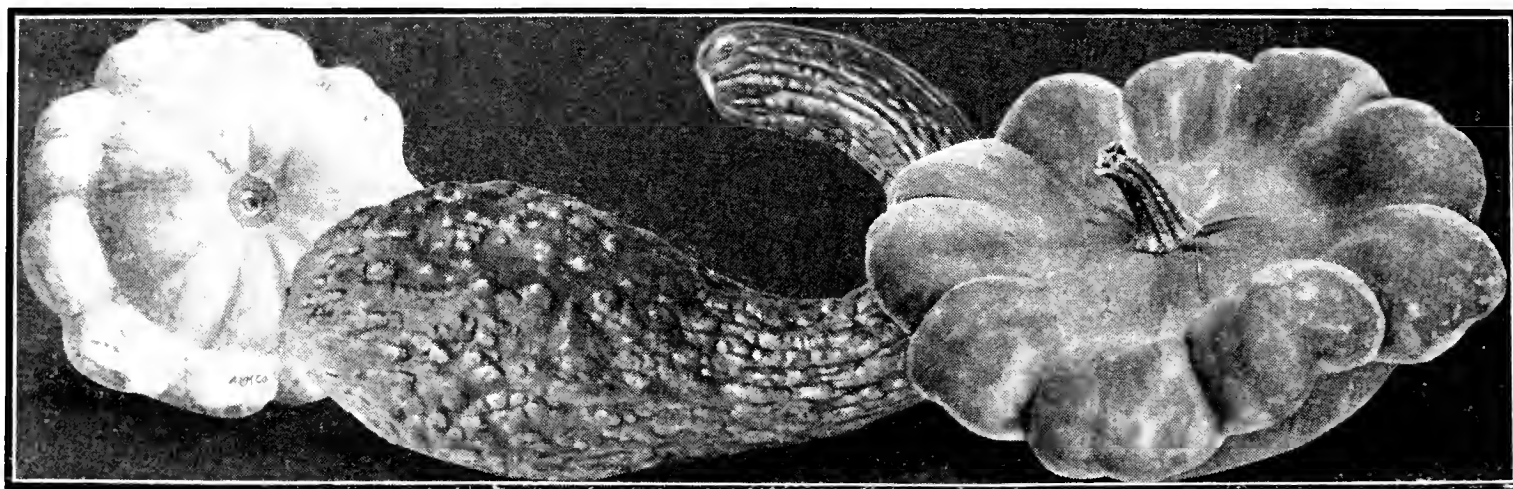
Standard Varieties of Squash

MAMMOTH WHITE BUSH. GOLDEN CUSTARD.

GIANT YELLOW STRAIGHTNECK. COCOZELLE.

GIANT YELLOW CROOKNECK.

Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 30c; 1 lb., 80c, postpaid.



Early White Bush Patty Pan. Yellow Summer Crookneck.

Mammoth White Bush.

Salsify

(OYSTER PLANT)

Culture—The Oyster Plant succeeds best in some light, well-enriched soil which previous to sowing the seeds should be stirred to the depth of 18 inches. Sow early in the spring in drills 15 inches apart; cover the seeds with fine soil 1 inch deep. One ounce for 60 feet of drill, 7 pounds to one acre.

MAMMOTH SANDWICH ISLAND. This splendid variety grows to fully double the size of the old sort; is of superior quality and delicate flavor. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 50c; 1 lb., \$1.60, postpaid.**

Swiss Chard

OR SILVER BEET

Swiss Chard replaces Spinach during the hot weather and is grown in much the same way as Beets. The seed should be sown during April or May, in drills 16 to 20 inches apart, and the seedlings thinned to stand from 1 to 2 feet apart in the row. The plants are quite hardy, and will yield throughout the summer and fall until severe frosts touch the foliage. The large white ribs may be creamed like Asparagus. One ounce for 100 feet; 4 lbs., per acre.

LUCULLUS SWISS CHARD. The best broad ribbed variety. **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 60c, postpaid.**

Tobacco

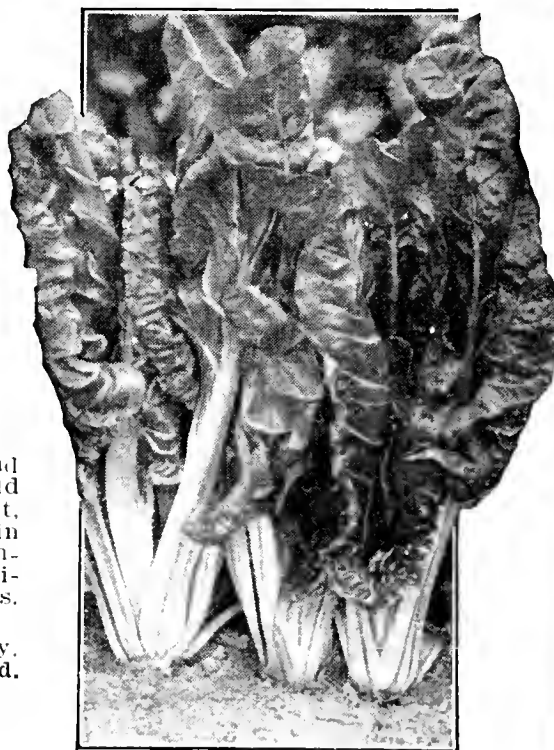
The seeds are sown in the spring. When these plants are almost 6 inches high, set out 2 feet apart, in drills, with rows 3 feet apart. One ounce of seed will make enough plants to set out three acres.

HAVANA. Grown largely for wrappers of cigars.

WHITE BURLEY. Fine for both chewing and smoking.

Price of any of the above varieties: **Pkt., 10c; oz., 40c, postpaid.**

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.



Swiss Chard.



Salsify.

Turnips

Culture—Spring sowing should be put in early, so that they will attain a good size before hot weather. For the regular crop, sow the early sorts in July or August, the later sorts during August, and the salad varieties during August and September. Sow either broadcast or in drills 2 feet apart, thinning out to 6 inches and roll the ground after sowing. Rutabagas should be sown in July and early in August, and earthed up as they grow. New ground makes the best turnips, or, if sown in your garden, first mix a good supply of phosphate with the ground, then sow your seed. Cover the seed about $\frac{1}{2}$ inch. Sow 1 $\frac{1}{2}$ pounds to the acre in drills, 2 pounds broadcast.

JAPANESE SHOGGIN TURNIP. A new variety that is becoming very popular in the South. Especially valuable for turnip greens, which are always in good demand, during the late spring and summer months in the South. The leaves grow upright, about 2 feet high when fully developed, which make it practically free from insect attacks. **Pkt., 5c; oz., 10c; 2 oz., 20c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c, postpaid.**

MAMMOTH PURPLE TOP GLOBE. One of the handsomest and most salable turnips. It is a large, rapid-growing sort, being ready for the table or market in about 65 days, with globular roots. **Pkt., 5c; oz., 10c; 2 ozs., 15c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c, postpaid.**

R.-H. CO.'S AMERICAN RED TOP GLOBE. Grown for us on contract from our own special seed stock. A perfect globe-shape with bright red or purple top and snow-white bottom. It does not taper like other types of the same variety. This is due to the utmost care in selection when growing for seed. **Pkt., 10c; oz., 15c; 2 ozs., 25c; $\frac{1}{4}$ lb., 35c; 1 lb., 90c, postpaid.**

PURPLE TOP MILAN. This, with the White Milan, is the earliest of all turnips. **Pkt., 5c; oz., 10c; 2 ozs., 20c; $\frac{1}{4}$ lb., 25c; 1 lb., 60c, postpaid.**

EXTRA EARLY WHITE MILAN. The earliest turnip. Tops very small, distinctly strap-leaved. **Pkt., 5c; oz., 10c; 2 ozs., 20c; $\frac{1}{4}$ lb., 25c; 1 lb., 60c, postpaid.**

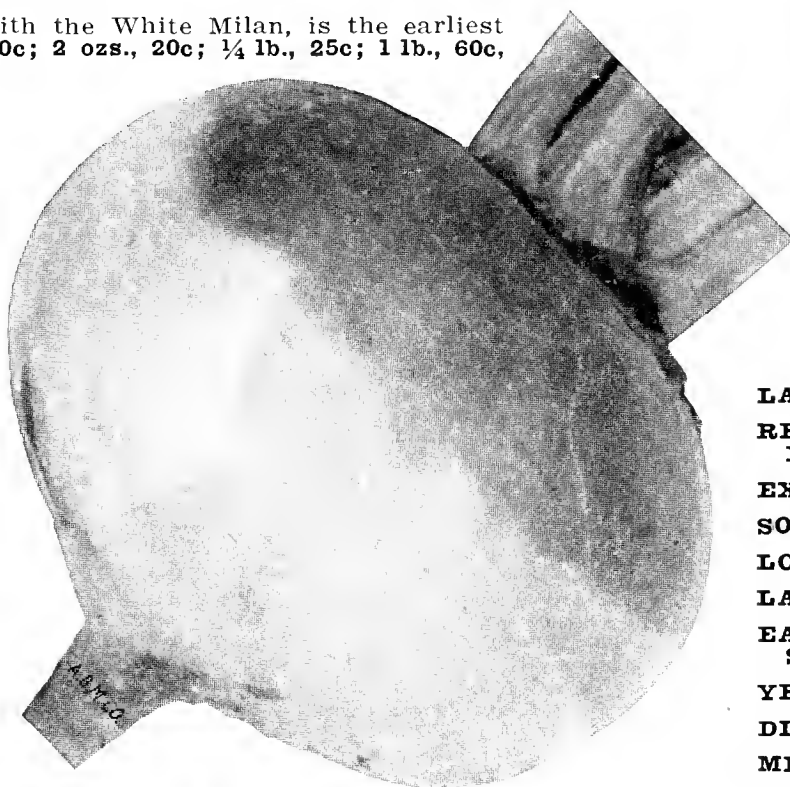
SOUTHERN SEVEN TOP. The old standard popular salad variety, grown extensively for this purpose. **Pkt., 3c; oz., 5c; 2 ozs., 10c; $\frac{1}{4}$ lb., 15c; 1 lb., 35c, postpaid.**

For Lice or Aphis

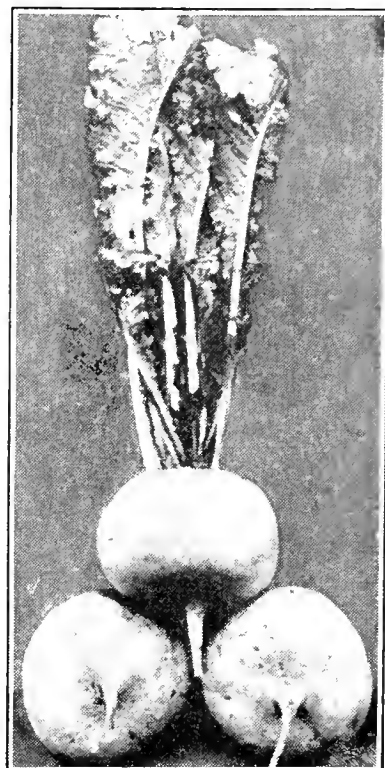
On Turnip and Cabbage

Use Tobacco Dust on the young plants while the dew is on them. Apply several times thoroughly with a Hudson Dry Powder Sprayer.

Tobacco Dust is not poisonous but helps to control the sucking insects that destroy these crops. 1 lb., 10c; 10 lbs., 60c. By parcel post, 1 lb., 20c; 10 lbs., 90c.



Mammoth Purple Top Globe.



Japanese Shogoin.

Prices of Standard Turnips

LARGE AMBER GLOBE.

RED OR PURPLE TOP STRAP-LEAF.

EXTRA EARLY WHITE EGG.

SOUTHERN PRIZE.

LONG WHITE COWHORN.

LARGE WHITE GLOBE.

EARLY WHITE FLAT DUTCH STRAP LEAF.

YELLOW ABERDEEN.

DIXIE LAND.

MIXED TURNIP SEED.

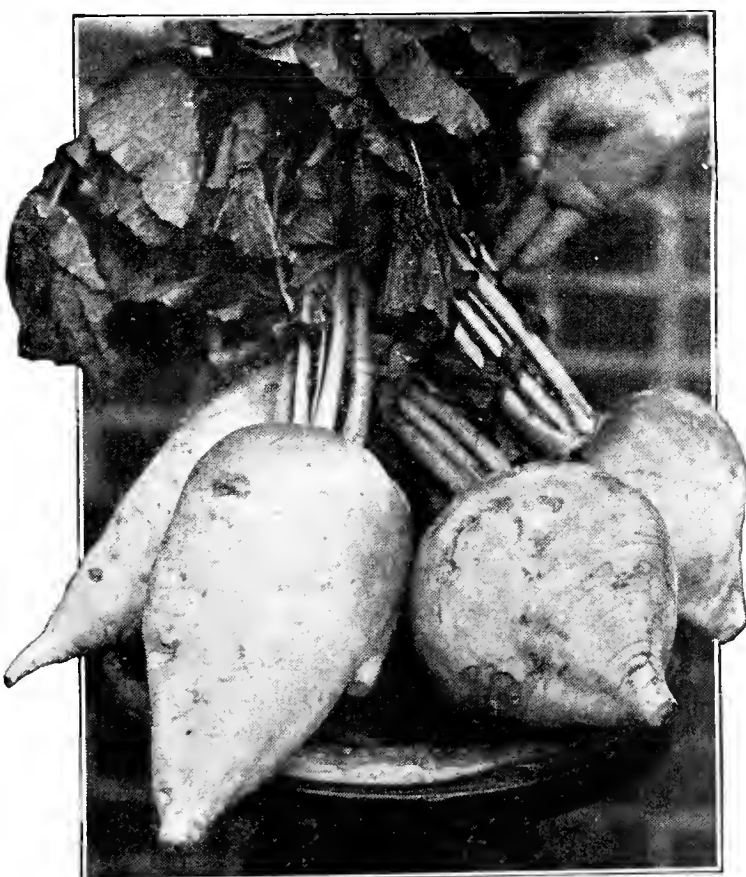
Pkt., 5c; oz., 10c; 2 ozs., 15c; $\frac{1}{4}$ lb., 20c; 1 lb., 45c, postpaid.

Rutabaga

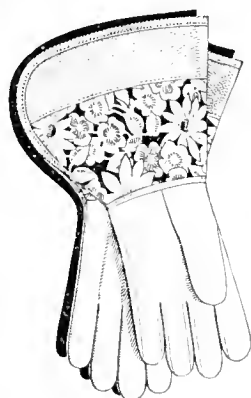
Culture—Sow in drills or broadcast in June, July and August.

IMPROVED PURPLE TOP YELLOW. The finest and most profitable of all yellow, purple-top Rutabagas, being the hardiest, heaviest, best shaped and most productive. Matures in 95 days. **Pkt., 5c; oz., 10c; 2 ozs., 15c; $\frac{1}{4}$ lb., 20c; 1 lb., 45c, postpaid.**

GOLDEN NECKLESS PURPLE TOP. Similar to American Purple Top, except neck is very small. **Pkt., 5c; oz., 10c; 2 ozs., 20c; $\frac{1}{4}$ lb., 30c; 1 lb., 75c, postpaid.**



Improved Purple Top Yellow Rutabaga.



National
Eezy Wear
Garden Gloves

New Gauntlet Style

Per pair, 75c; by mail, 85c

These gloves are all leather, pliable, so one can work while wearing them. Fine for all garden work, cleaning, painting, etc., as they keep the hands clean.

R.-H. Co.'s Top Notch Tomatoes

Culture—The seed should be sown in March in a hotbed or greenhouse, or may be sown in a box and kept inside the window of a room where the night temperature is not less than 65 degrees. The plants should be thinned out in the bed so as to give them plenty of room or they will be weak and poor. About the middle of April the plants may be set in the open ground from 4 to 5 feet apart each way. One ounce produces about 1,500 plants. To prevent rot and blight on tomato plants, spray them with Pyrox when first fruits have set.



The Perry County Tomato

The New Perry County Tomato originated from a single plant in Florida. The plants are more vigorous than ordinary varieties, one on trellis reaching 16½ feet (see cut).

The fruit is of superior quality, being very heavy, solid and smooth, of highest color, slicing the same high color clear across with but little trace of a core. The seeds are smaller and fewer. Its vigor keeps it growing and bearing until November freeze when it has still a large crop.

Two patches 1-10 of an acre each bore over 4,000 lbs. of fruit. The high quality of the fruit we believe is a greater recommendation even than its vigor or prolificacy.

The plant is blight proof, healthy and remains green and is full of fine fruit from early set plants up to frost.

The new variety is strictly Southern grown and being acclimated, it will stand all season and make full crop where the Northern varieties do not.

Mr. D. W. Ulken, Manager of the Gayoso Farms, Horn Lake, Miss., who has tried the Perry County tomato writes as follows: "In my judgment this tomato is far superior to any that I have ever known in yield, as well as firmness and flavor. It is outstanding inasmuch as it has very few seeds which are small."

We advise our customers to plant the Perry County Tomato this season. We know you will be highly delighted with it. Price: pkt., 25c; 5 pkts., \$1.00; ¼ oz., 75c; ¼ oz., \$1.25; ½ oz., \$2.25; 1 oz., \$4.00, postpaid.

Plants of the Perry County Tomato ready April 10th. Price: doz., 35c; 50 for \$1.00; 100 for \$1.50; by parcel post: doz., 45c; 50 for \$1.10; 100 for \$1.75.

Tomatoes grow splendidly trained to stakes or trellises. The fruit is much improved, not only in appearance, but in quality, and is a week or more earlier.

The usual method is to set one strong plant to a stake 5 to 7 feet high, tying the plant up with soft twine, and pruning quite freely as the vine advances in growth. For fine, large specimens of high color, grow the clusters of the fruit in paper sacks, as is commonly practiced by grape-growers. These paper sacks or bags should be put on when the Tomatoes are about three-fourths grown.

The Perry County Tomato.

BONNY BEST. An early variety maturing a little later than Earliana. Fruit medium size, color bright scarlet, exceedingly smooth, handsome shape. Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 ozs., 40c; ¼ lb., 65c; 1 lb., \$2.00, postpaid.

BRIMMER. A great, big, solid red Tomato, 15 to 16 inches in circumference, weighing 2 to 2½ pounds each. It is all meat, very few seeds. They are bright red, smooth, and will not crack. Pkt., 10c; ½ oz., 25c; 1 oz., 40c; 2 ozs., 75c; ¼ lb., \$1.10; 1 lb., \$3.50, postpaid.

GULF STATE MARKET. One of the finest early globe-shaped tomatoes yet produced. Color deep purplish pink, smooth skin and free from cracks. Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 ozs., 45c; ¼ lb., 75c; 1 lb., \$2.75, postpaid.

EARLY DETROIT. The largest and best of the early purplish tomatoes. Fruits very smooth, nearly globe-shaped, firm and of excellent quality. Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 ozs., 45c; ¼ lb., 75c; 1 lb., \$2.75, postpaid.

LIVINGSTON'S GLOBE. Not excelled by any other pink variety, comes into bearing early. The fruits are of large size, always smooth, with firm flesh that ripens evenly; color, a fine glossy rose. Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 ozs., 45c; ¼ lb., 75c; 1 lb., \$2.60, postpaid.

Special Stock Tomato Seed

These are saved from the very choicest, crown picked fruits, especially desirable for market gardeners' use. Pkt., 10c; ½ oz., 30c; oz., 50c; 2 ozs., 90c; ¼ lb., \$1.50; 1 lb., \$4.50.

SPECIAL EARLY DETROIT.

SPECIAL GULF STATE MARKET.

SPECIAL LIVINGSTON'S GLOBE.

SPECIAL R.-H. CO.'S RED HEAD.

SPRAY TOMATOES WITH PYROX

To prevent blossom end rot, blight and worms. 1-lb. jar, 50c; not mailable.



Brimmer Tomato.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.

Tomatoes

MARGLOBE. The Wilt and Nailhead Rust-Resisting Sort. Developed by the Agricultural Department and thoroughly tested in sections where the above diseases are very destructive. A bright red in color, of large size, almost round, and very productive. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 ozs., 40c; ¼ lb., 60c; 1 lb., 1.85, postpaid.**

CERTIFIED MARGLOBE. This is a special stock of Marglobe Tomato, certified by the proper authorities. **Pkt., 10c; ½ oz., 25c; 1 oz., 45c; 2 ozs., 75c; ¼ lb., \$1.00; 1 lb., \$3.50, postpaid.**

PRITCHARD. Formerly known as Scarlet Topper, coming from the same source as Marglobe. Pritchard is wilt resistant, and its very open foliage produces fruits of large size. The color of the fruit is brighter red than the Marglobe and is perfectly smooth, quite large and solid. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 ozs., 45c; ¼ lb., 70c; 1 lb., \$2.25, postpaid.**

GIANT PONDEROSA. The vines are strong in growth, and when planted in good soil and pruned to a single stem, the fruit reaches one pound in weight; tomatoes grow in beautiful uniform clusters. The fruit is mostly oblong in shape, usually ribbed, is deep purple color, has solid flesh and small seed cells. **Pkt. 5c; ½ oz., 20c; 1 oz., 35c; 2 ozs., 60c; ¼ lb., \$1.00; 1 lb., \$3.25, postpaid.**

OXHEART. Fruits, large, smooth, purplish pink, almost seedless. Flesh is very thick and delicious. The name is derived from its shape which is large at stem end, tapering almost to a point. **Pkt., 10c; ½ oz., 30c; 1 oz., 50c; 2 ozs., 90c; ¼ lb., \$1.50; 1 lb., \$4.75, postpaid.**

Prices on Standard Tomatoes

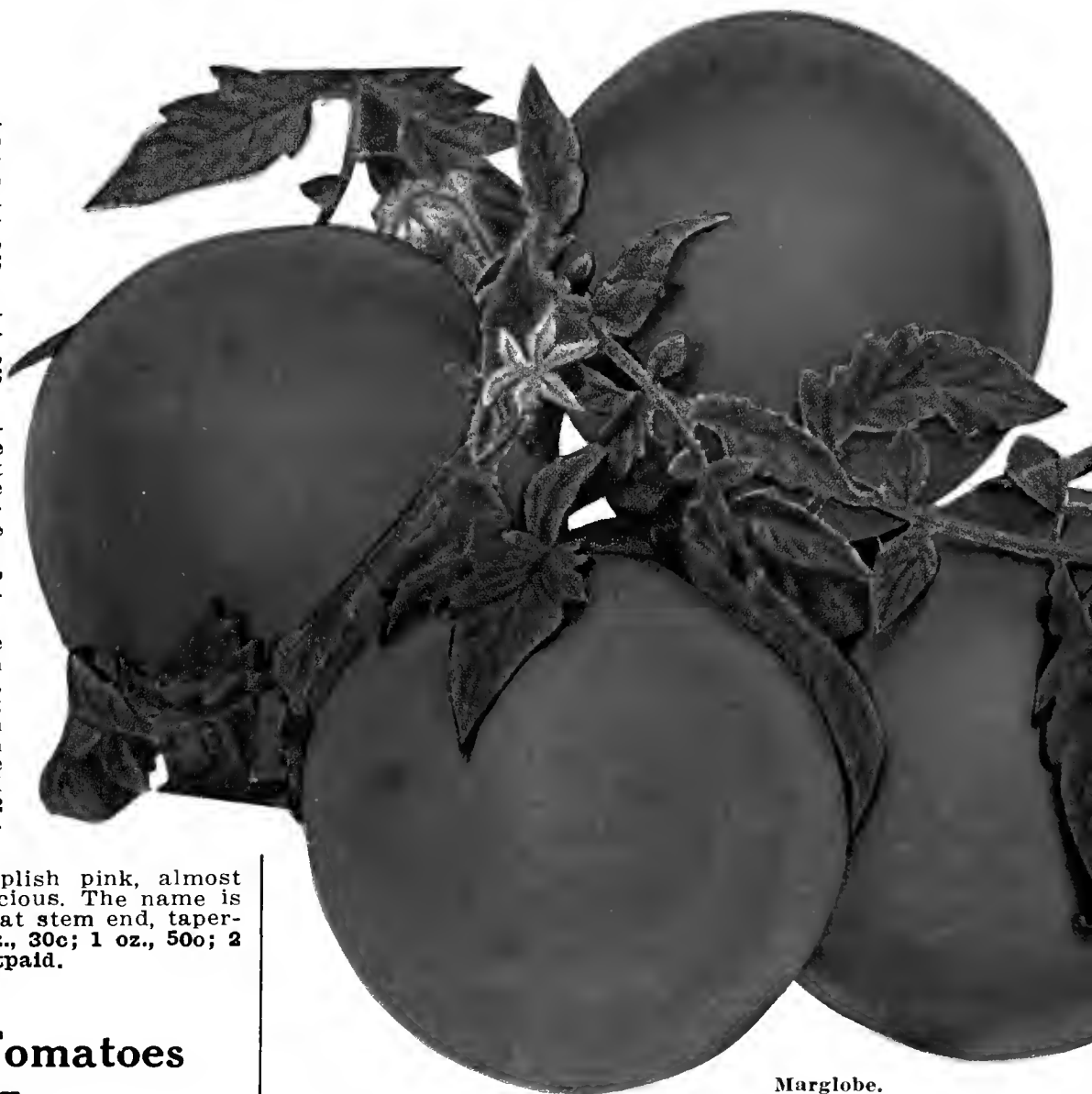
EARLIANA. JUNE PINK.
COOPER'S SPECIAL. NEW STONE.
GREATER BALTIMORE. BREAK O' DAY.
NORTON WILT RESISTANT.

Pkt., 5c; ½ oz., 15c; oz., 25c; 2 ozs., 40c; ¼ lb., 60c; 1 lb., \$1.85, postpaid.

Other Tomatoes

EARLY ACME. RED HEAD. DWARF STONE.

Pkt., 5c; ½ oz., 15c; oz., 30c; 2 ozs., 55c; ¼ lb., 90c; 1 lb., \$2.50, postpaid.



Marglobe.

Special Tomatoes

YELLOW PONDEROSA. BEEFSTEAK.
YELLOW PEAR SHAPE.

Pkt., 10c; ½ oz., 25c; oz., 50c; 2 ozs., 90c; ¼ lb., \$1.25; 1 lb., \$4.25, postpaid.

Tomato Plants

We can supply the following varieties:

EARLY DETROIT. GULF STATE MARKET.
LIVINGSTON'S GLOBE. MARGLOBE.
NEW STONE. PONDEROSA.

Hotbed or Seedling Stock—Prices: Postpaid, 50 for 40c; 100 for 60c; 500 for \$2.00. Not prepaid, doz., 10c; 50 for 25c; 100 for 40c; 500 for \$1.75; 1,000 for \$2.50.

Transplanted Hotbed Grown—Prices: Postpaid, doz., 30c; 50 for 70c; 100 for \$1.00; 500 for \$3.90. Not prepaid, doz., 20c; 50 for 50c; 100 for 75c; 500 for \$3.50; 1,000 for \$6.00.



Giant Ponderosa.

Be Sure To Plant The Perry County Tomato

It is a Wonder!

STRONG PLANTS READY APRIL 10TH.

Doz., 35c; 100 for \$1.50.

By mail, doz., 45c; 100 for \$1.75.

R.-H. Co.'s Top Notch Flower Seeds

Our stocks of flower seeds are new crop, the finest California and European grown. They are as good as can be procured from any other seedsmen. Our list is complete, containing many of the new introductions as well as all the standard varieties. Our Zinnias and Verbenas come from the house of Bodgers, the introducer of the newer varieties in these two most beautiful flowers.

All Prices on Flower Seeds are Postage Paid

SOWING FLOWER SEEDS

CULTURAL DIRECTIONS. Light, rich loam is most suitable for flowers. The soil should be finely pulverized for best results. This is of paramount importance if one wishes to grow them successfully. They, in common with all other seeds, should be sown thinly and the soil pressed firmly over them when covered. Water frequently. A good plan is, sow the seeds in rows about 8 inches apart, then transplant to the permanent garden later.



Ageratum, Dwarf Blue.

Antirrhinum (Snapdragon)

Whether used for cutting or for show in the garden, it is one of the most valuable flowers grown. Seed sown the first week in May will bloom from July until frost.

CRIMSON. A rich crimson Snapdragon. Pkt., 10c; ½ oz., \$1.25.

GOLDEN QUEEN. Beautiful golden-yellow. Pkt., 10c; ½ oz., \$1.25.

SILVER PINK. Satiny pink. Pkt., 10c; ½ oz., \$1.25.

DWARF MIXED. Many colors. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

TALL MIXED. Many colors. Pkt., 5c; ½ oz., 35c; oz., 60c.

African Daisy (Arctotis Grandis)

It forms much-branched bushes 2 to 3 feet high; its daisy-like flowers are pure white with a gold band surrounding a pale mauve or blue center. It is not only pleasing when open, but also when it closes at evening and displays its lilac-tinted under sides. Good cut flower. Pkt., 10c; ½ oz., 50c.

Asters

Very effective in beds or borders. **ALL COLORS MIXED.** A combination of all varieties, double, of globular shape and imbricated; 1½ feet high. Pkt., 5c; ½ oz., 50c; oz., 85c.

CHINA ASTER. Mixed colors. Pkt., 5c; ½ oz., 40c; oz., 75c.

GIANT COMET. A good variety with large blossoms, the petals of which are long, narrow and curled backwards. Mixed colors. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

HEART OF FRANCE ASTER. Plants of branching habit, grows 1½ to 2 ft. in height, rich, ruby red in color. Pkt., 10c; ½ oz., \$1.50.

MAMMOTH GIANT PEONY FLOWERED. A beautiful double variety with extra large blossom. Finest mixed colors. Pkt., 10c; ½ oz., \$1.50.

SEMPLE'S BRANCHING PURPLE ASTER. Pkt., 10c; ½ oz., \$1.25.

SEMPLE'S BRANCHING PINK ASTER. Pkt., 10c; ½ oz., \$1.25.

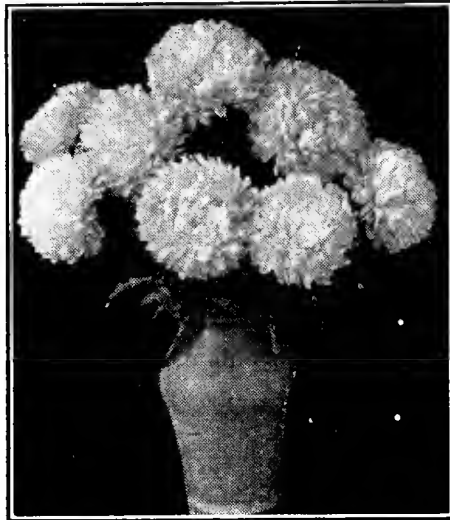
SEMPLE'S BRANCHING CRIMSON ASTER. Pkt., 10c; ½ oz., \$1.25.

SEMPLE'S BRANCHING LAVENDER ASTER. Pkt., 10c; ½ oz., \$1.25.

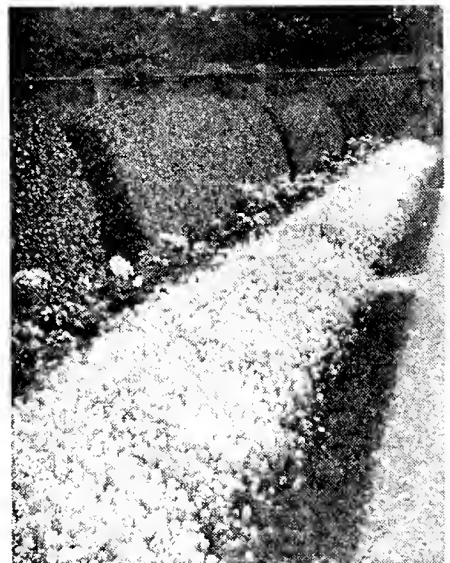
SEMPLE'S BRANCHING WHITE ASTER. Pkt., 10c; ½ oz., \$1.25.

SEMPLE'S BRANCHING MIXED, ALL COLORS. Pkt., 10c; ½ oz., \$1.00.

SUNSHINE ASTER. These have twisted and quilled petals, are very showy and attractive. All have a cushioned center of tiny quills of a contrasting color, which makes the flower look as if it were covered with snowflakes. Price, pkt., mixed colors, 10c; ½ oz., \$1.25.



Aster, Mammoth Giant Peony Flowered.



Alyssum.

Acroclinium

A pretty everlasting, bearing graceful, daisy-like flowers, pretty bright rose and white with yellow centers, which, when cut in the bud state, can be dried and used for winter bouquets. Double mixed. 1 foot. Pkt., 5c; ½ oz., 25c; oz., 40c.

Ageratum

Very showy plants; bloom profusely the whole summer; fine as cut flowers; splendid for borders, ribbon beds, etc. Half-hardy annuals.

BLUE BALL. Dwarf, compact deep blue. Pkt., 10c; ½ oz., 35c; oz., 60c.

DWARF BLUE. Pkt., 10c; ½ oz., 30c; oz., 50c.

FINEST MIXED. Pkt., 5c; ½ oz., 25c; oz., 45c.

Alyssum

Six to eight inches high; a fragrant, hardy annual, bearing spikes of small white flowers in great profusion.

SWEET ALYSSUM. Pkt., 5c; ½ oz., 20c; oz., 35c.

YELLOW ALYSSUM. Hardy perennial, but blooms the first year from seed if sown early. Grows 12 inches high. Pkt., 10c; ½ oz., 35c; oz., 60c.

LITTLE GEM. 3 to 4 inches high; fine for borders. Pkt., 5c; ½ oz., 30c; oz., 50c.

Amaranthus

CAUDATUS (Love-Lies-Bleeding). Very attractive; 3 feet. Pkt., 5c; ½ oz., 15c; oz., 25c.

CRUENTUS. Showy annual, known as Princess Feather. Pkt., 5c; ½ oz., 20c; oz., 35c.

TRICOLOR. Very attractive annual, called Joseph's Coat. Pkt., 5c; ½ oz., 30c; oz., 50c.

Armeria

Dwarf growing perennial; also called Thrift or Sea Pink. Crimson flowers. 1 foot high. Pkt., 10c; ½ oz., 1.50.



Antirrhinum, Dwarf Mixed.

1934

Cash Discounts

At catalog prices on garden and flower seeds in ½-oz., 1-oz., 2-oz., ¼-lb., 1-lb., containers.

\$1.00 buys seed to value of \$1.25.

\$2.00 buys seed to value of \$2.50.

\$3.00 buys seed to value of \$3.75.

Make your own selection and deduct 20% from catalog prices on \$1.25 orders or more.

FREE WITH ORDERS

Up to April 1st our 1934 Calendar and Almanac.

It's worth having, gives weather predictions for next 12 months and other information that you will appreciate.

The Calendar is mailed free with any order.

OUR FLOWER SEEDS ARE THE BEST AND NEW CROP.

Bachelor's Button

Also called Cornflower. Of easy culture; sow the seed where it is to remain and thin plants to 3 or 4 inches apart. Annual.

SINGLE MIXED. Pkt., 5c; oz., 40c.
DOUBLE MIXED. Pkt., 10c; oz., 50c.
SINGLE BLUE. Pkt., 10c; oz., 50c.
SINGLE PINK. Pkt., 10c; oz., 50c.
DOUBLE BLUE. Pkt., 10c; oz., 50c.

Balsam

Transplanting two or three times has a tendency to dwarf the plants to make the flowers more double.

DOUBLE MIXED. Pkt., 5c; ½ oz., 25c; oz., 40c.

Balsam Apple

Long, pear-shaped fruit with very fine, glossy green foliage. This is a pretty climber. Pkt., 5c; ½ oz., 25c; oz., 40c.

Balloon Vine

A rapid growing climber; thrives in light soil. Pkt., 5c; ½ oz., 15c; oz., 25c.

Blue Lace Flower

Beautiful, large, lace-like flowers, similar to wild carrot, but of a lovely delicate azure-blue gracefully poised on long stems. Sow in the hotbed in March, and outdoors in May and again in June, and you can cut flowers until frost. Pkt., 10c; ½ oz., 50c.

Calendula

(Pot Marigold)

Very hardy annual; 1 foot high. Have showy double flowers blooming until frost and producing fine effect in borders.

BALL'S GOLDEN. Deep golden yellow. Pkt., 10c; ½ oz., 30c; oz., 45c.

ORANGE KING. Its outstandingly rich orange flowers are fully double, well rounded, and carried on fine long stems. Pkt., 10c; ½ oz., 25c; oz., 40c.

LEMON QUEEN. The color is an intense rich lemon-yellow of great brilliancy. Pkt., 10c; ½ oz., 25c; oz., 40c.

MIXED CALENDULA. All double sorts. Pkt., 5c; ½ oz., 15c; oz., 25c.

Calliopsis

Showy, beautiful free-flowering annuals, excellent for cutting and massing.

MIXED. Pkt., 5c; ½ oz., 20c; oz., 35c.

DWARF VARIETIES MIXED. Pkt., 5c; ½ oz., 25c; oz., 40c.

Canterbury Bells

Handsome, hardy biennial of stately growth, rich color and profuse bloom. Height 2 to 3 feet.

SINGLE CANTERBURY BELL. Mixed colors. Pkt., 5c; ½ oz., 25c; oz., 40c.

ANNUAL CANTERBURY BELL. Blooms the first season from seed. Mixed colors. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

Candytuft

UMBELLATA. Finest mixed. Pkt., 5c; ½ oz., 15c; oz., 25c.

DWARF MIXED. For borders. Pkt., 5c; ½ oz., 20c; oz., 35c.



Columbine.

Canna

Soak seed for a day in warm water. Mixed colors. Pkt., 5c; ½ oz., 20c; oz., 35c.

Cardinal Climber

Flowers glowing scarlet. Vines attaining a height of from 20 to 30 feet. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

Carnation

The flowers are large, double and very fragrant. Mixed colors. Pkt., 10c; ½ oz., \$1.00; oz., \$1.50.

Canary Bird Vine

A beautiful climber with curiously shaped little canary-colored blossoms. Tender annual. Pkt., 5c; ½ oz., 20c; oz., 35c.

Chinese Woolflower

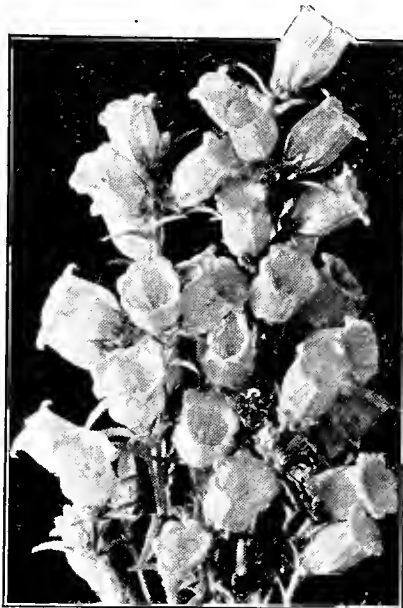
Plant grows 2 to 3 feet high; produces roundish heads like a ball of wool, of rich colors. Mixed. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

Coleus

Probably the best known of ornamental foliage plants. Tender annual. Mixed colors. Pkt., 10c; ¼ oz., 75c.



Clarkia.



Canterbury Bells.



Candytuft.



Calendula, Ball's Golden.

Cheiranthus

Also called Siberian Wallflower plant, 1 foot high, flowers dazzling, orange scarlet. Pkt., 10c; ½ oz., 30c; oz., 50c.

Clarkia

Excellent for beds or cut flowers. Erect, bushy plants, 2 feet in height.

DOUBLE. Mixed, all colors. Pkt., 5c; ½ oz., 30c; oz., 50c.

RUBY KING. Brilliant red. Pkt., 10c; ½ oz., 35c; oz., 60c.

Cobaea Scandens

(Cup and Saucer Vine)

A climber of rapid growth; large, bell-shaped flower. Pkt., 5c; ½ oz., 35c; oz., 60c.

Cockscomb

The finest type of the feathered cockscomb. Huge plumes of flowers.

DWARF MIXED. Pkt., 5c; ½ oz., 75c; oz., \$1.25.

EMPRESS DWARF CRIMSON. Pkt., 10c; ½ oz., \$1.00; oz., \$1.50.

Columbine

Easily grown, old-fashioned perennials for borders.

MIXED. Pkt., 5c; ½ oz., 40c; oz., 75c.

LONG SPURRED. Mixed colors. Pkt., 10c; ½ oz., 50c; oz., \$1.00.

Coreopsis

One of the finest hardy garden plants grown, 2 to 3 feet high, producing immense, long stemmed, rich yellow flowers.

MIXED COLORS. Pkt., 5c; ½ oz., 25c; oz., 40c.

CORNFLOWER (See Bachelor's Button).

Chrysanthemum

DOUBLE FINEST HYBRIDS. Mixed. Pkt., 5c; ½ oz., 30c; oz., 50c.

DOUBLE CORONARIUM. Mixed colors. Pkt., 5c; ½ oz., 25c; oz., 40c.



NEW GAUNTLET
STYLE

EEZY WEAR

NAPA GOAT
GLOVES

A soft pliable goatskin glove, especially adapted for working in flowers, bulbs and gardens or when spraying trees or plants. These come in several fancy colors. One size only, price 85c a pair, postpaid.



Double Crested Cosmos.

Cosmos

Among the garden annuals that have come into prominence in recent years the Cosmos lead all. They continue to flower late in the fall.

EARLY FLOWERING. Mixed. Pkt., 5c; ½ oz., 30c; oz., 50c.

GIANT FLOWERING. Mixed. Pkt., 5c; ½ oz., 25c; oz., 40c.

GIANT FLOWERING PINK. Pkt., 10c; ½ oz., 25c; oz., 40c.

GIANT FLOWERING CRIMSON. Pkt., 10c; ½ oz., 25c; oz., 40c.

GIANT FLOWERING WHITE. Pkt., 10c; ½ oz., 25c; oz., 40c.

KLONDYKE ORANGE. Pkt., 10c; ½ oz., 40c; oz., 75c.

DOUBLE CRESTED. Beautiful double crested flowers. Mixed colors. Pkt., 10c; ½ oz., 50c; oz., 80c.

DOUBLE CRESTED PINK BEAUTY. Pkt., 10c; ½ oz., 35c; oz., \$1.00.

Cynoglossum

(Chinese Forget-Me-Not)

Of the easiest culture, forming strong plants 18 to 24 inches high and producing through the summer months sprays of intense blue Forget-Me-Not-like flowers. Pkt., 10c; ½ oz., 35c; oz., 60c.

Cypress Vine

Rapid climber; fine for trellises and arbors.

RED. Pkt., 10c; ½ oz., 35c; oz., 50c.

MIXED. Pkt., 5c; ½ oz., 20c; oz., 30c.

Dahlia

DOUBLE MIXED. Pkt., 10c; ½ oz., \$1.00; oz., \$1.75.

SINGLE MIXED. Contains many desirable shades and markings. Pkt., 5c; ½ oz., 40c; oz., 75c.

Daisy

DOUBLE MIXED DAISY. Pkt., 10c; ½ oz., \$1.25; oz., \$2.00.

SHASTA DAISY. Pure white. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

Delphinium

(Hardy Larkspur)

Light blue, dark blue. Mixed colors. Pkt., 10c; ¼ oz., 75c.

Dimorphotheca

Excellent for mass planting, also called African Daisy. Hybrid mixed colors. Pkt., 15c; ½ oz., 50c; oz., 90c.

Euphorbia

(Snow-on-the-Mountain)

Used as a background for low-growing plants. 2 feet high. Pkt., 5c; ½ oz., 30c; oz., 50c.

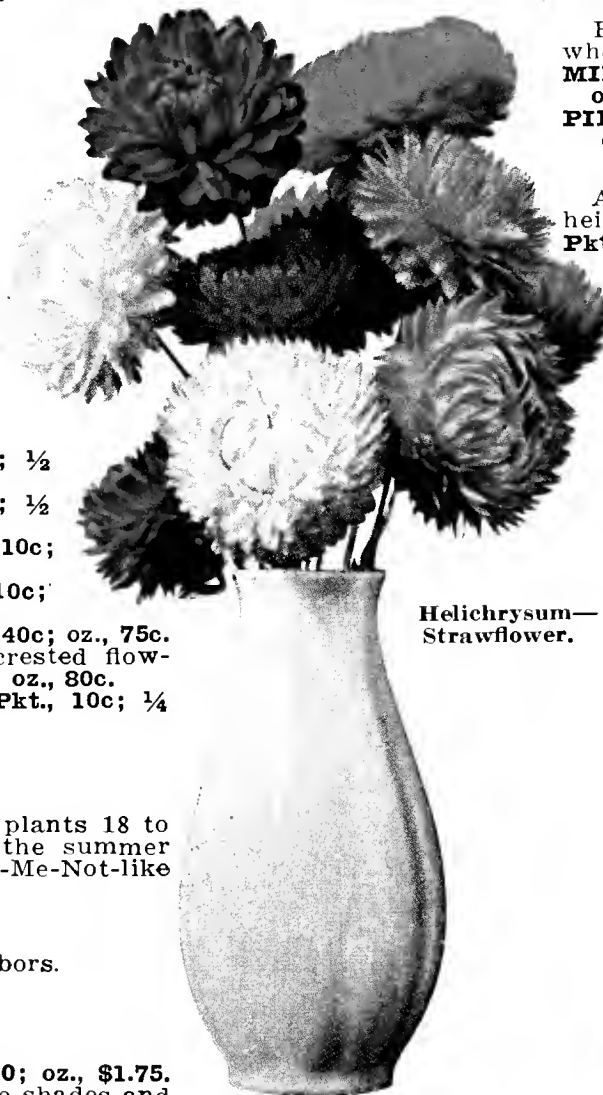
Forget-Me-Not

Six inches. Graceful flowers, mostly in shades of blue. Mixed. Pkt., 5c; ½ oz., 50c; oz., 80c.

Foxglove

(Digitalis)

Grows to the height of 3 to 4 feet, with dense spikes of brilliantly colored flowers. Mixed colors. Pkt., 5c; ½ oz., 35c; oz., 60c.



Helichrysum—Strawflower.

Eschscholtzia

or California Poppy

A genus of the poppy family. Hardy annuals; height 1 foot.

MIXED. All colors. Pkt., 5c; ½ oz., 20c; oz., 30c.

GOLDEN WEST. Bright yellow with orange blotch. Pkt., 5c; ½ oz., 20c; oz., 35c.

SALMON BEAUTY. Salmon-pink. Pkt., 10c; ½ oz., 25c; oz., 45c.



California Poppy, Mixed Colors.

Four O'clock

Hardy annual. 2 feet high. Mixed. Pkt., 5c; ½ oz., 10c; oz., 15c.

Gaillardia

(Blanket Flower)

For beds or for cutting. Hardy annual, 2 feet.

DAZZLER. Intense maroon red and yellow. Pkt., 10c; ½ oz., 50c; oz., 75c.

PICTA. Mixed colors. Pkt., 5c; ¼ oz., 25c; ½ oz., 35c; oz., 60c.

Gilia

Exceedingly graceful, known as Thimble flower. Pkt., 5c; ½ oz., 25c; oz., 40c.

Gomphrena

(Globe Amaranth)

Flowers resemble clover heads and when dried are used for winter bouquets.

MIXED COLOBS. Pkt., 5c; ½ oz., 25c; oz., 40c.

PINK or VIOLET. Pkt., 10c; ½ oz., 35c; oz., 55c.

Godetia

An attractive annual; grows 2½ feet in height. Two colors, carmine and pink. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

Gourds

A tribe of climbers with curiously shaped fruit. 10 to 12 feet high. Mixed. Pkt., 5c; ½ oz., 20c; oz., 35c.

Gypsophila

Graceful, free-flowering plant, excellent for cutting and mixing in bouquets.

BABY'S BREATH. White. Pkt., 5c; ½ oz., 15c; oz., 25c.

ROSEA. Pink Gypsophila. Pkt., 5c; ½ oz., 20c; oz., 35c.

PERENNIAL. White. Pkt., 10c; ½ oz., 50c; oz., 75c.

Helichrysum

Also called Strawflowers. Mixed colors. Pkt., 5c; ½ oz., 25c; oz., 40c.

Separate colors: **Crimson, Pink, Yellow.** Pkt., 10c; ½ oz., 40c; oz., 60c.

Heliotrope

Will bloom as easily from seed as any of the common annuals. Mixed. Pkt., 10c; ½ oz., \$1.00; oz., \$1.50.

Hyacinth or Jack Bean

A rapid-growing annual climber; mixed; all colors. Pkt., 5c; ½ oz., 10c; oz., 15c.



Cynoglossum.

Garden Birds and Flower Supports

Life size birds in natural colors on a strong iron stake. Five varieties of birds. Each, 15c. By mail, each, 25c.

Hollyhocks

Sow in April, May or June for next year's blooming.

- DOUBLE RED.** Pkt., 10c; ½ oz., 75c; oz., \$1.25.
DOUBLE PINK. Pkt., 10c; ½ oz., 75c; oz., \$1.25.
DOUBLE WHITE. Pkt., 10c; ½ oz., 75c; oz., \$1.25.
DOUBLE YELLOW. Pkt., 10c; ½ oz., 75c; oz., \$1.25.
DOUBLE MIXED. All colors. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

Ice Plant

A handsome and curious plant for hanging baskets, rock work and vases. Pkt., 5c; ½ oz., 35c; oz., 60c.

Job's Tears

An ornamental grass with curious shaped seeds; height 2 to 3 feet. Pkt., 5c; ½ oz., 15c; oz., 25c.

Kochia or Mexican Fire Bush

Grows quickly from seed sown. Resembles balls of fire. Makes a good summer hedge. Pkt., 5c; ½ oz., 20c; oz., 35c.

Kudzu Vine

A rapid growing hardy climber of great merit. Pkt., 10c; ½ oz., 50c; oz., 75c.

Lantana

Popular, free-blooming plants. Start seeds in the house or hotbed. Tender perennial. Height, 1½ feet.

Finest hybrids mixed. Pkt., 10c; ½ oz., 40c; oz., 75c.

Larkspur

For bedding, for growing among shrubbery and as cut flowers, larkspurs are strikingly beautiful. Early spring plantings will give blooms from July till frost. Height 2 feet, all double flowers.

LA FRANCE. Very bright pink with large blooms. Pkt., 10c; ½ oz., 50c; oz., 75c. ...

LOS ANGELES. A pleasing shade of salmon pink; new and very desirable. Pkt., 10c; ½ oz., 50c; oz., 75c.

MISS CALIFORNIA. Deep salmon-pink. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

DARK BLUE. Pkt. 10c; ½ oz., 35c; oz., 50c.

SKY BLUE. Pkt., 10c; ½ oz., 35c; oz., 50c.

DOUBLE WHITE. Pkt., 10c; ½ oz., 35c; oz., 50c.

DOUBLE SCARLET. Pkt., 10c; ½ oz., 35c; oz., 50c.

SHELL PINK. Pkt., 10c; ½ oz., 35c; oz., 50c.

DOUBLE MIXED. Pkt., 5c; ½ oz., 25c; oz., 40c.

Lobelia

Very fine for hanging baskets and boxes. Pkt., 5c; ½ oz., 60c; oz., \$1.00.

Lupin

Commonly called Texas Blue Bonnet. Very pretty blue flowers. Pkt., 10c; ½ oz., 20c; oz., 35c.

PERENNIAL LUPIN. Mixed colors. Pkt., 10c; ½ oz., 25c; oz., 45c.

SPECIAL OFFER

On packet garden and flower seeds. For 25c, six 5c packets. For 25c, three 10c packets. For 50c, thirteen 5c packets. For 50c, seven 10c packets. Make your selection. We pay the postage.

Marigold

Hardy annuals, in bloom till frost comes.

PRINCE OF ORANGE. Rich deep golden-yellow. Pkt., 10c; ½ oz., 50c; oz., 90c.

LEMON QUEEN. Soft lemon-yellow. Pkt., 10c; ½ oz., 50c; oz., 90c.

GUINEA GOLD. Brilliant orange with double ruffled petals. Produces flowers 2 to 2½ inches across. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25.

TALL MIXED. Immense flowers, double. Pkt., 5c; ½ oz., 25c; oz., 45c.

DWARF MIXED. Fine for edging. Mixed colors. Pkt. 5c; ½ oz., 30c; oz., 50c.

DWARF MARIGOLD. Signata Pumila. Striking, bright yellow flowers. Plant 10 in. high. Fine for edging. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

Nasturtiums

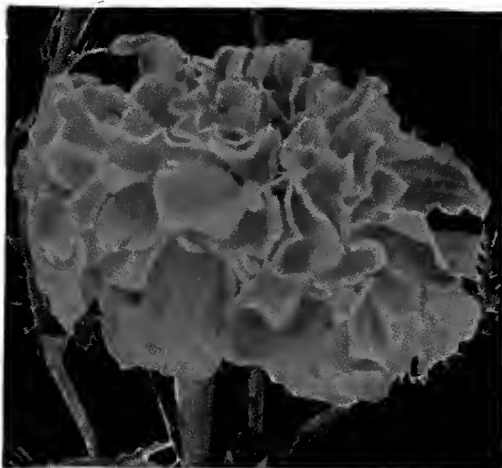
Double Sweet-Scented Nasturtium, Golden Gleam

The plant forms a vigorous, large bush which throws out short runners, averaging eighteen inches. The large, golden yellow flowers average two and one-half to three inches across. They are borne on erect, stiff stems six inches in length.

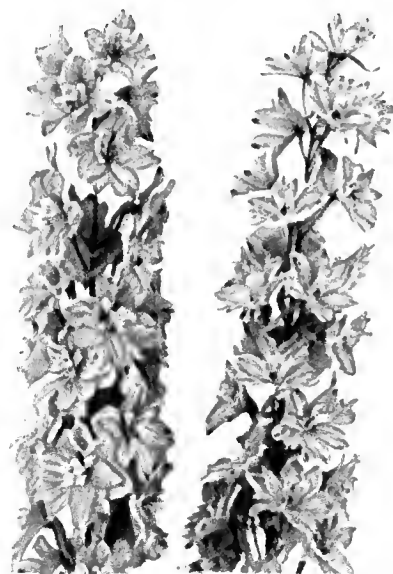
When well grown the remarkable formation of the petals gives the flowers a fully double appearance which is most attractive. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00; 1 lb., \$3.00.



Nasturtium, Golden Gleam.



Marigold, Guinea Gold.



Larkspur, Miss California.

GIANT FLOWERED DWARF NASTURTIUM. Mixed colors. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.

GIANT FLOWERED TALL NASTURTIUM. Mixed colors. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.

DWARF CHOICE MIXTURE. Contains countless shades, colors, stripes, blotches and veinings. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 80c, postpaid.

CHOICE TALL MIXED. Large flowers, the plants producing a profusion of bloom. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 80c, postpaid.

Separate Color Dwarf Nasturtiums

Pkt., 10c; oz., 25c, postpaid.

DAVID BURPEE. Bright crimson-red.

QUEEN OF TOM THUMBS. Crimson with variegated foliage.

Golden King **Golden Yellow**

Golden Midnight **Dark Purple**

Lady Bird **Orange Scarlet**

Petunias

Petunias are one of the most popular annuals on account of their ease of cultivation and freedom of blooming, succeeding everywhere and giving a constant supply of flowers from June to October. Height 1½ feet.

CHOICE SINGLE MIXED. Good mixture of all free-blooming colors. Pkt., 5c; ¼ oz., 25c; oz., 75c.

MAMMOTH FLOWERING. Large flowering Grandiflora, all colors mixed. Pkt., 10c; ¼ oz., 50c; oz., \$1.25.

GIANTS OF CALIFORNIA, MIXED COLORS. A special strain of this popular giant flowered Petunia. Flowers up to 6 inches across and in many lovely shades. Pkt., 25c; ¼ oz., \$5.00.

DOUBLE MIXED. Will come 70 per cent double from seed. Finest mixed. Pkt., 25c.

BALCONY. A splendid large and free-flowering type, either for vases, hanging baskets or window boxes. Deep Blue Balcony Petunia. Pkt., 20c; 3 pkts., 50c; ½ oz., \$1.00.

MIXED BALCONY. Pkt., 10c; ½ oz., \$1.00.

COUNTESS OF ELLSMERE. Single deep rose-pink with white throat; desirable bedding variety. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

GENERAL DODD. Single, deep rich velvety-red; fine bedder. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

ROSE OF HEAVEN. Dwarf sort; a rich pink color. Pkt., 10c; ¼ oz., 75c; oz., \$2.50.

ROSY MORN. Soft carmine-pink with white throat. Dwarf, compact, free-flowering and showy. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

SILVER BLUE. A dwarf Compacta Petunia of steel blue color. Pkt., 15c; ½ oz., 75c; ¼ oz., \$1.25.

STRIPED AND BLOTCHED. Includes striped or fine mixed flowers in a wide range of colors. Pkt. 10c; ¼ oz., 75c; oz., \$2.00.

VIOLET PURPLE. A beautiful shade of purple; very showy. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

HOWARD'S STAR. Distinct star-shaped. Mixed. Pkt., 10c; ¼ oz., 75c.



Petunias, Rose of Heaven and Silver Blue.



Double Salmon Rose Poppy.

Pinks (Dianthus)

Hardy and half-hardy biennials and perennials, but nearly all blooming the first year from seed; of easy culture.

CHINA DOUBLE MIXED. A beautiful combination of colors. Pkt., 5c; oz., 50c.

DOUBLE DIADEM. A most brilliant mixing of colors. Pkt., 5c; ½ oz., 35c; oz., 70c.

HEDDEWIGI DOUBLE MIXED. Flowers large and double and of brilliant colors. Pkt., 5c; ½ oz., 35c; oz., 60c.

CLOVE PINK. (Plumarius). Sweet-scented, spicy fragrance. They are excellent hardy plants. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

PHEASANT'S EYE OR GRASS PINK. A single hardy perennial pink. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

SWEET WIVELSFIELD. Blooms the first season from seed. A showy variety in many colors. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

Poppies

Of very easy culture and they furnish some of the most brilliant colors in the garden. Being very hardy, they can be sown as early in the spring as the ground is in working order.

JAPANESE POMPON. Double mixed. Pkt., 10c; ½ oz., 30c; oz., 45c.

DOUBLE FINE MIXED. Combination of all varieties. Pkt., 5c; ½ oz., 20c; oz., 35c.

DOUBLE CARNATION FLOWERED. Pkt., 5c; ½ oz., 15c; oz., 25c.

DOUBLE PEONY FLOWERED. Mixed. Pkt., 5c; ½ oz., 15c; oz., 25c.

SHIRLEY. Single, beautiful colors mixed. Pkt., 5c; ½ oz., 20c; oz., 35c.

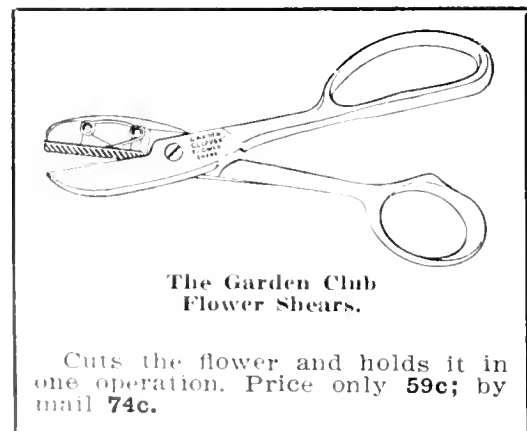
DOUBLE SHIRLEY. A new double Shirley, mixed. Pkt., 10c; ½ oz., 35c; oz., 60c.

DOUBLE SALMON ROSE. A showy rose-pink color. Pkt., 10c; ½ oz., 30c; oz., 50c.

DOUBLE RED. Fine scarlet shade. Pkt., 10c; ½ oz., 30c; oz., 50c.

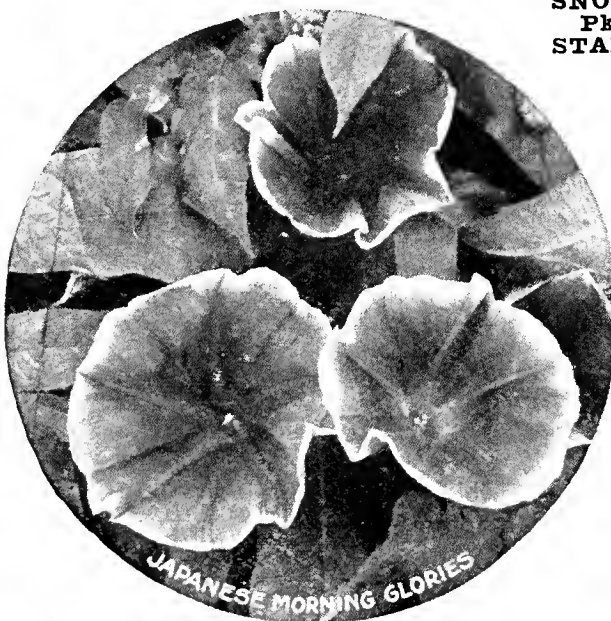
DOUBLE PINK. Pkt., 10c; ½ oz., 30c; oz., 50c.

FLANDERS. Vivid red, well known Poppy of Flanders. Pkt., 10c; ½ oz., 35c; oz., 50c.



The Garden Club Flower Shears.

Cuts the flower and holds it in one operation. Price only 59c; by mail 74c.



Overton Park Pansies.

MIXED ORIENTAL. Pkt., 10c; ½ oz., 50c; oz., 75c.

SCARLET ORIENTAL POPPY. Pkt., 10c; ½ oz., 45c; oz., 75c.

ICELAND PERENNIAL. Mixed colors. Pkt., 10c; ½ oz., 50c; oz., 80c.

SUNBEAM ICELAND POPPY. Mixed. Pkt., 15c; ½ oz., 60c; oz., \$1.00.

Physostegia

(False Dragonhead)

Attractive in foliage and flower. Perennial, lavender, pink. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

Pyrethrum

ROSEUM. The Painted Daisy. A charming flower. Double varieties. Pkt., 15c; ¼ oz., 75c; 1 oz., \$1.50.

Mignonette

A well known hardy annual. Fragrant flowers. **SWEET MIGNONETTE.** Pkt., 5c; ½ oz., 15c; oz., 25c.

Moonflower

A beautiful climber. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place.

WHITE. Pkt., 10c; ½ oz., 25c; oz., 45c.

NOCTIFLORA. Blue Moonflower. Large and fragrant. Pkt., 10c; ½ oz., 50c; oz., 75c.

Morning Glory

A hardy climbing annual, growing about 10 feet high.

CHOICE MIXED. All colors. Pkt., 5c; oz., 10c.

JAPANESE MIXED. New, measuring from 4 to 5 inches across; great variety of colors. Pkt., 5c; ½ oz., 15c; oz., 25c.

PURPLE. Large flowered light purple, a beautiful shade. Pkt., 10c; ½ oz., 35c; oz., 60c.

ROCHESTER. Azure blue. Pkt., 10c; ½ oz., 30c; oz., 50c.

Pansies

These popular flowers thrive best on a cool, moist but well drained soil. Seeds sown early will produce fine plants for summer blooming.

CHOICE. A splendid mixture. Pkt., 5c; ½ oz., 75c; oz., \$1.25.

MAMMOTH FLOWERING MIXED. A special mixture of all Giant Pansies; contains an almost endless variety of shades. Pkt., 10c; ½ oz., \$1.25; oz., \$2.00.

OVERTON PARK. Gigantic in size, with a most beautiful color variation. A striking combination that will please you. Pkt., 25c; ¼ oz., 75c; ½ oz., \$2.50; oz., \$4.00.

Portulaca

Also called Rose Moss. Annual. 6 inches. **SINGLE MIXED.** Pkt., 5c; ½ oz., 35c; oz., 60c.

DOUBLE MIXED. Pkt., 10c; ¼ oz., 75c.

Phlox Drummondii

The annual Phlox occupies first place as a garden annual, being one of the most brilliant and most satisfactory plants which can be readily grown from seed.

FIREBALL. Flowers large, blood-red. Pkt., 10c; ¼ oz., 50c.

SNOWBALL. Large, clear white flower. Pkt., 10c; ¼ oz., 50c.

STAR OF QUEDLINBURG. Curiously pointed and blossoms having a star-like form, mixed colors. Pkt., 10c; ¼ oz., 50c.

CHOICE MIXED. Contains fine select varieties of this showy annual. Pkt., 5c; ½ oz., 50c; oz., 80c.

MAMMOTH FLOWERING MIXED. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

PERENNIAL MIXED COLORS. Pkt., 10c; ¼ oz., 75c.

Dwarf Phlox

Most excellent for borders or bedding. Plants dwarf, compact, 8 inches in height. Mixed colors. Pkt., 10c; ¼ oz., 50c; ½ oz., \$1.00; oz., \$1.50.



Phlox, Star of Quedlinburg.

Ricinus Zanzibariensis

Leaves very large. Grows 10 to 15 feet high. Mixed colors. **Pkt.**, 10c; ½ oz., 15c; oz., 25c.

MIXED RICINUS. **Pkt.** 5c; ½ oz., 10c; oz., 15c.

Rudbeckia

Free flowering hardy perennial, also called Coneflower, golden yellow with black center. **Pkt.**, 10c; ¼ oz., 50c; ½ oz., 75c.

Salpiglossis

These annuals have showy large, funnel-shaped flowers. Mixed colors. **Pkt.**, 5c; ½ oz., 60c; oz., \$1.00.

Salvia or Scarlet Sage

Start early indoors and transplant in May; or sow outdoors later in a light rich soil. Soak seeds before planting.

CLARA BEDMAN. Flowers of a most brilliant scarlet. **Pkt.**, 10c; ¼ oz., 75c; ½ oz., \$1.25.

SPLENDENS (Scarlet Sage). The scarlet variety. **Pkt.**, 10c; ¼ oz., 60c; ½ oz., \$1.00.

ZURICH. Very compact flowers. Most brilliant crimson. **Pkt.**, 10c; ½ oz., 40c; ¼ oz., 70c; ½ oz., \$1.35.

PATENS (Blue Sage). In color this is as blue as the "Scarlet Sage" is red. Tender perennial, 2 feet. **Pkt.** 10c; ¼ oz., 75c; ½ oz., \$1.25.

Scabiosa

A very showy, hardy annual. Very easy to grow. Mixed. **Pkt.**, 5c; ½ oz., 35c; oz., 60c.

Scarlet Runner Vine

A great favorite as an ornamental climber. **Pkt.**, 5c; oz., 10c.

Sensitive Plant

The lace-like leaves close when touched. Quite a curiosity. **Pkt.**, 10c; ¼ oz., 30c; ½ oz., 50c; oz., 75c.

Statice

Also called Sea Lavender and belongs to the Thrift family.

CHOICE MIXED STATICE. **Pkt.**, 5c; ½ oz., 20c; oz., 35c.

SEPARATE COLORS. Deep rose, true blue, deep yellow. **Pkt.**, 10c; ½ oz., 25c; oz., 40c.

Stocks

Useful annuals for bedding, borders, cut flowers and pot culture.

LARGE FLOWERING TEN WEEKS. A fine large-flowering strain of many colors.

Pkt., 10c; ½ oz., 60c; oz., \$1.00.

DOUBLE PERFECTION. Very large flowering, double fragrant flowers.

Pkt., 10c; ¼ oz., 40c; ½ oz., 75c; oz., \$1.25.

THE WONDER HOE

Five tools in one. It's guaranteed to please you. Price each, \$1.75.

FREE GARDEN TROWEL

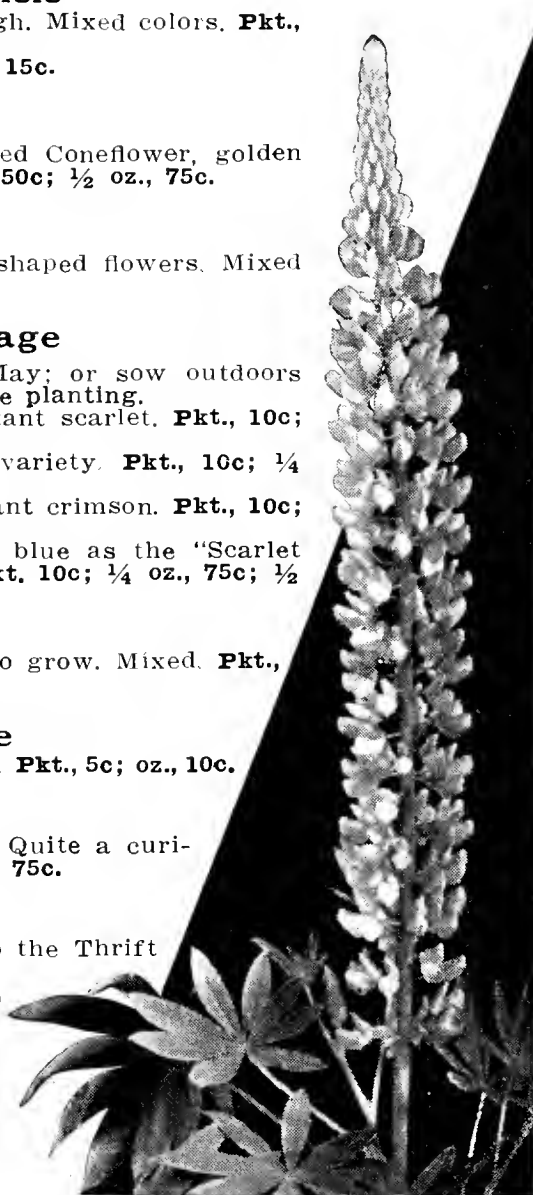
With any cash order to the value of \$2.00 or more, we will send you free one good garden trowel. Do you want one?



Scabiosa.



Stocks.



Texas Blue Bonnet.



Vinca.

Tender annual. **Pkt.**, 10c; ½ oz., 40c; oz., 75c.

Viola

Also known as Tufted Pansies. Mixed colors. **Pkt.**, 10c; ½ oz., 50c; oz., 90c.

Vinca

Commonly called Periwinkle. Handsome bushy plants, with glossy foliage and round single flowers.

MIXED COLORS. **Pkt.**, 10c; ½ oz., 60c; oz., \$1.00.

ALBA. Pure white. **Pkt.**, 10c; ½ oz., 75c; oz., \$1.25.

ROSEA Pink. **Pkt.**, 10c; ½ oz., 75c; oz., \$1.25.

Wallflower

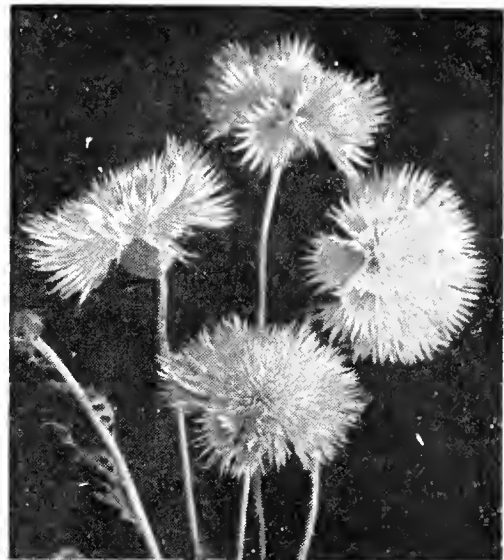
Very conspicuous in beds or borders. Single mixed. **Pkt.** 5c; ½ oz., 30c; oz., 50c.

Wild Cucumber Vine

Ornamental climbing cucumber with curious fruit. **Pkt.**, 5c; ½ oz., 20c; oz., 35c.

Wild Flower Garden Mixture

Not a tame garden of wild flowers, but a wild garden of tame flowers. **Pkt.**, 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.00.



Sweet Sultans.

Sunflower

Large and showy yellow flowers; hardy annuals.

DOUBLE DWARF. 4 feet. **Pkt.**, 5c; ½ oz., 25c; oz., 40c.

GLOBE OF GOLD. 4½ feet. **Pkt.**, 5c; ½ oz., 20c; oz., 35c.

DOUBLE TALL. 7 feet. **Pkt.**, 5c; ½ oz., 20c; oz., 35c.

Sweet Sultan

Beautiful scented blooms. Height 2½ feet.

CENTAUREA IMPERIALIS. Sweet Sultan. **Pkt.**, 5c; ½ oz., 30c; oz., 50c.

CENTAUREA MOSCHATA. Sweet Sultan. **Pkt.**, 5c; ½ oz., 25c; oz., 40c.

Sweet William

If sown early will bloom the following fall; fall sowings bloom the next summer. Height 1½ feet.

NEWPORT PINK. Solid pink, large flowers. **Pkt.**, 10c; ½ oz., 25c; ¼ oz., 35c; ½ oz., 50c.

SINGLE. Mixed. **Pkt.**, 5c; ½ oz., 30c; oz., 50c.

DOUBLE. Mixed: a mammoth-flowered type. **Pkt.**, 10c; ½ oz., 35c; oz., 60c.

Texas Blue Bonnet

Flowers delightful blue, charming bushy plants. **Pkt.**, 10c; ½ oz., 20c; oz., 35c.

Torenia

Excellent for beds; flowers blue, touched with gold, plant 10 inches in height. **Pkt.**, 10c; ½ oz., 30c; ¼ oz., 50c.

Tithonia

A rare plant from Mexico, grows tall, fine for background of beds. Also known as the Mexican Sunflower. **Pkt.**, 15c; ½ oz., 30c; ¼ oz., 50c.

Thunbergia

A climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers, having a distinct black center.

Lavender
Glory.

Special Verbena Offer

One packet
each of eight
following va-
rieties.

Regular value
\$1.20

ONLY
75c Post-
paid.

Beauty of Oxford.
Helen Willmott.

ONE
15c
PKT.
EACH

Beauty of Oxford. Crimson.
Lavender Glory.
Luminosa. Salmon-pink.
Cardinal Gigantea. Scarlet.
Mammoth Purple.
Mammoth White.
Helen Willmot. Pink.
Dwarf Compacta. Mixed.

Bushy Bed and Border Zinnias

For border effects, the small flowered Zinnias are most popular. They bloom in great profusion and the blossom is held well up above the foliage. The colors are most brilliant and showy. The most of these so-called Dwarf Zinnias form bushes about 18 inches in height and the bush is compact, stocky and somewhat spreading.

Elegans Pumila - Dwarf Double Zinnias

These small flowered bushy Zinnias are becoming very popular. They are not as dwarf as the Lilliput strains but flowers are bolder, more perfect and very showy. Extra double, produced on bushy dwarf plants about 18 inches high.

Salmon Rose. Pleasing rose. **New Pinkie.** Rose pink.
Carmine Red. Bright scarlet. **Snowball.** Pure white.
Golden Orange. Brightest **Mixed Elegans Pumila.**
orange.

Price any above 6 varieties: Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; 1 oz., 80c.

Pumila Picotee Delight Zinnias

A beautiful strain. Petals curled, picotee markings.
SALMON ROSE. Pkt., 10c; ¼ oz., 40c; ½ oz., 60c.
MIXED. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

Scabiosa-Flowered Zinnia

A new form, the outside petals are similar to the Scabiosa or Pincushion Flower. They are distinct and novel in appearance. Plants 2 to 2½ feet. Mixed colors. Pkt., 15c; ½ oz., 50c; ¼ oz., 75c; ½ oz., \$1.25; 1 oz., \$2.00.

Venidium Fastuosum (The Glory of the Veldt)

Deep orange daisy-like flowers, 4-5 in. across with double row of petals marked at the center with reddish brown. Plants 2-3 ft., blooming over a long period. Pkt., 25c; ½ oz., 75c; ¼ oz., \$1.25.

R.-H. Co.'s Verbenas

These well known, free blooming annuals were chosen by the Memphis Garden Club as the most popular flower over all others and in our opinion the choice has been very wise. They are indispensable for bedding purposes, borders and window boxes. Flowers of most brilliant colors, blooming from early summer till late fall. Soak a few hours and sow in boxes indoors, transplanting when an inch high, or sow outside in April.

BEAUTY OF OXFORD. Immense rosy red blossoms. This is the hardy type; with a slight protection they live from year to year. Pkt., 15c; ½ oz., 50c; ¼ oz., 75c.

LAVENDER GLORY. New shade of lavender, gigantic flowers. Pkt., 15c; ½ oz., 50c; ¼ oz., 75c.

HELEN WILLMOTT. New shade of deep pink, very showy. Pkt., 15c; ½ oz., 40c; ¼ oz., 60c.

LUMINOSA. Mammoth pink. Pkt., 15c; ½ oz., 35c; ¼ oz., 50c.

CARDINAL GIGANTEA. New cardinal-scarlet with white eye. Pkt., 15c; ½ oz., 40c; ¼ oz., 60c.

DWARF COMPACTA. Most desirable for edging or rock gardens. Very compact, erect plant. 10 inches in height. Pkt., 15c; ½ oz., 35c; ¼ oz., 50c.

MAMMOTH PINK. Pkt., 10c; ½ oz., 75c.

MAMMOTH DARK BLUE. Pkt., 10c; ½ oz., 75c.

MAMMOTH PURPLE. Pkt., 15c; ½ oz., 75c.

MAMMOTH CRIMSON. Pkt., 10c; ½ oz., 75c.

MAMMOTH WHITE. Pkt., 15c; ½ oz., 75c.

CHOICE MIXED. Embraces all colors. Pkt., 5c; ½ oz., 50c; oz., 80c.

MAMMOTH FLOWERED MIXED.
The clusters are of mammoth size. Pkt., 10c; ½ oz., 75c; oz., \$1.25.



Early Wonder Cerise-Pink Dwarf Zinnia

This is one of the first of a new race of dwarf or pumila type Zinnias from the house of Bodger, who have brought about the best in the way of this most popular flower. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c.

Lilliput or Pompon Zinnias

These are an improvement over the dwarf, growing only The plant is robust but Dwarf, growing only about 1 foot in height, bearing in profusion densely double pompon shaped blooms.

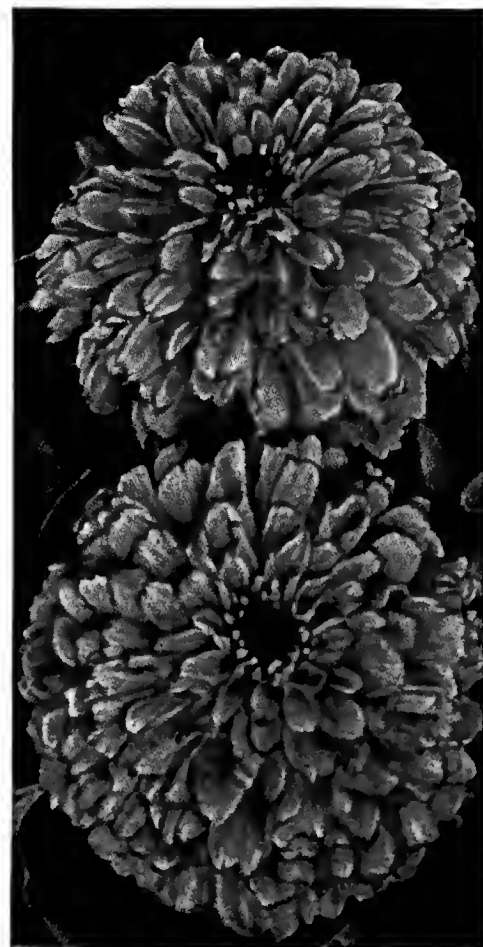
GOLDEN GEM. Yellow. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

RED RIDING HOOD. Bright red. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

SALMON ROSE. Pink shade. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

WHITE GEM. Snow white. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

MIXED LILLIPUT. Pkt., 10c; ¼ oz., 35c; oz., \$1.10.



Zinnia, Dwarf Salmon Rose.

R.-H. Co.'s. Top Notch Zinnia Collection

Eight Giant Zinnias, regular value 80c; Mailed for only **FOR ONLY**
50c. One packet each of

Giant Crimson
Giant Lavender
Giant Yellow
Giant White

Giant Pink
Giant Orange
Giant Purple
Giant Scarlet

50c
Prepaid

Russell-Heckle's Zinnias

Few garden annuals are more thoroughly satisfactory than Zinnias, particularly in recent years. Greatly improved, larger flowering and more brilliantly colored strains have been developed. Plant early in rows 1½ to 2 feet apart and cover seeds about ¼ inch deep, or start indoors and transplant outside when the ground is warm. Zinnias can be sown as late as July and they will produce fine large flowers in the fall.

California Giant Zinnias

The great advantage of this magnificent type is its enormous flat double flowers, sometimes measuring 7 inches in diameter, getting away from the conical shape and stiffness that has been the only objection to Zinnias in the past. They are twice the size of ordinary Giants, prolific bloomers, have great color range and make good cut flowers from early bud to late bloom. In separate colors.

Price of any of the following separate varieties: Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; 1 oz., \$1.00.

Brightness. Brightest clear pink.
Cerise Queen. Beautiful cerise-rose.
Daffodil. Canary-yellow, new.
Enchantress. Rose with deep center.
Grenadier. Bright dark red.
Lavender Gem. Deep lavender.
Lemon Queen. Golden yellow.
Miss Willmott. Soft rich pink.
Orange King. Orange-scarlet.
Orange Queen. Golden orange.
Purity. The best clear white.
Rose Queen. Brightest rose, striking.
Salmon Queen. Beautiful salmon-pink.
Scarlet Gem. Glowing deep scarlet.
Violet Queen. Very deep purple.

Special Offer

One packet each of above separate color California Giant Mammoth Zinnias, regular value \$1.50 for only \$1.00, postpaid.

MIXED CALIFORNIA GIANT MAMMOTH ZINNIAS. All the glorious colors. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; 1 oz., 80c.

R.-H. Co.'s Giant Zinnias

In this strain of Zinnias we have a flower of perfect form, round, full, double and immense in size. The individual plants form large bushes and bear above the foliage numerous flowers on long, stiff stems, which makes them valuable for cutting and will render them a favorite wherever tried. The plants grow 2½ to 3 feet high, while the flowers often measure 5 to 6 inches across.

Price, any of the following varieties uniform, as follows: Pkt., 10c; ½ oz., 40c; oz., 60c, postpaid.

Giant Shrimp Pink	Giant Scarlet
Giant Lavender	Giant Pink
Giant Crimson	Giant Yellow
Giant White	Giant Purple
Giant Orange	Giant Mixed

Cactus Flowered Mixed

The petals are rolled into long tubes causing a resemblance to a fine quill-petalled cactus dahlia. Mixed. Pkt., 10c; ½ oz., 50c; 1 oz., 80c.

Crown o' Gold Mixed Zinnia

This new Dahlia-Flowered Zinnia is simply indescribable. Each petal of the flower is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. The effect is a pleasing two-tone color harmony, especially lovely and scintillating under artificial light. The color range comprises the more popular shades, including old rose, cream, yellow, carmine, pink and burnishing red, the latter a new shade in Zinnias. Pkt., 15c; ½ oz., \$1.00; 1 oz., \$1.50, postpaid.

Curled and Crested Zinnias

Petals twisted, curled and crested into fantastic and graceful forms. Pkt., 10c; ½ oz., 75c.

Double Picotee Zinnias, Mixed

It contains many exquisite colors, each flower petal being tipped with a contrasting color. Free flowering plants 2 feet tall. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

Double Tall Mixed Zinnia

Double varieties, making an elegant mixture for groups, beds, borders, etc. Pkt., 5c; ½ oz., 25c; oz., 40c.

R.-H. Co.'s California Mammoth Zinnia Collection

On receipt of price, we will send you one packet each of these California Mammoth Zinnias.

10 Separate Varieties and Colors.

Brightness. Pink.	Daffodil. Yellow.	For Only 60c
Grenadier. Red.	Lavender Gem.	
Orange King.	Purity. White.	Postpaid
Rose Queen.	Salmon Queen.	Reg. Value,
Violet Queen.	Scarlet Gem.	\$1.00.

Double Dahlia-Flowered Zinnias

This new giant flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative Dahlia.

Price of any of the following 14 varieties of Dahlia-Flowered Zinnias: Pkt., 15c; 6 pkts., 75c; ½ oz., \$1.00; 1 oz., \$1.50, postpaid.

BUTTERCUP. An immense deep creamy yellow flower.
CANARY BIRD. A delicate shade of primrose. Very large, holding its color well until out of bloom. A free bloomer.
CRIMSON MONARCH. Immense size, bright crimson-scarlet.
DREAM. A fine deep lavender, turning to purple. A rare and extremely pleasing shade.
EXQUISITE. A pleasing shade of rose color, one of the finest pinks.
ATTRACTION. A distinct shade of brick-red.
GOLDEN STATE. Rich golden-yellow, shading to orange.
ILLUMINATION. Very bright red, large and showy.
LUMINOSA. A charming bright deep pink, suffused with salmon.

OLD ROSE. A beautiful dark salmony-red or old rose.
ORIOLE. An immense orange and gold bicolor. A beautiful variety.

POLAR BEAR. Extra large, pure white; no other variety will equal it.

PURPLE PRINCE. Fine deep purple, large and well formed.
SCARLET FLAME. A large, beautiful, bright scarlet with a blending of orange throughout the petal.

R.-H. CO.'S MIXED DAHLIA-FLOWERED ZINNIA. Our special mixture of this new type of Zinnia is made up from the separate colors. Pkt., 10c; 3 pkts., 25c; ½ oz., 75c; 1 oz., \$1.25, postpaid.

California
Giant
Zinnias.





Spencer
Sweet Peas.



Sweet Peas in Mixture R.-H. Co.'s Mixed Spencer

This superb mixture is our special pride. The different sorts contained in this mixture are grown separately, so that we have an opportunity to choose only the largest and most beautiful varieties. It embraces the finest Spencer varieties, as well as the latest novelties, and will produce a great abundance of giant flowers of beautiful colors. Some are edged, mottled, blended, flaked, and striped. Without exception, this is the very finest mixture it is possible to make. **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 50c; ½ lb., 75c; 1 lb., \$1.25; 2 lbs., \$2.25, postpaid.**

Early Flowering Mixed Spencers

A rare combination containing all the shades of early flowering Spencers. **Pkt., 10c; oz., 25c; 2 ozs., 40c; ¼ lb., 75c; 1 lb., \$2.50.**

Cupid Mixed

These form a line of emerald-green foliage a little over a foot wide and six inches high. **Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; 1 lb., \$2.00.**

Perennial Mixed

The plants are hardy and will live for years, but the flowers have not the fragrance of the annual Sweet Peas. These come mixed, in shades of red and white only. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25, postpaid.**

Named Spencer Sweet Peas

Price of the following: **Pkt., 10c; ½ oz., 15c; 1 oz., 25c; 2 ozs., 40c; ¼ lb., 75c; 1 lb., \$2.00, postpaid.**

Austin Frederick. Giant Lavender.
Barbara. Superb salmon.
Constance Hinton. Pure white.
Countess. Clear pink.
Charming. Rose-cerise.
Dobbles' Cream. Deep cream.
Fiery Cross. Cerise-red.
Glen Eagles. Lavender-blue.
Guinea Gold. Glowing orange.

Hercules. Rose-pink.
King White. Large white.
Mrs. Tom Jones. Bright blue.
Miss California. Cream-pink.
Pinkie. Largest pink.
Reflection. Clear blue.
Royal Purple. Rich purple.
Helen Lewis. Orange-salmon.
Heavenly Blue. Light blue.

Early Flowering Spencer Sweet Peas

Price on following varieties, uniform, viz: **Pkt., 15c; ½ oz., 25c; oz., 50c; 2 ozs., 90c; ¼ lb., \$1.50; 1 lb., \$4.00, postpaid.**

Snow Storm. Pure white.
Blue Bird. Charming blue.
Burpee's Orange. Distinct orange.
Harmony. Clear lavender.
Imperial Pink. Beautiful pink.

Amethyst. Rich purple.
Glitters. Cerise-red.
Vulcan. Scarlet-cerise.
Yarrowa. Rose-pink.
Zvolanek. Deep pink.

Russell-Heckle's Sweet Peas

CULTURE. Sow in January, February, March or April. Cover seed 2 to 4 inches, according to depth of your trench. The soil for Sweet Peas should be rich and deep, with Pulverized Sheep Manure in it. On high and dry soils they may be sown in drills from 4 to 6 inches deep, covered with an inch or two of soil pressed firmly, and the furrow filled in as the plants grow. When the plants are well above the ground, they should be thinned out so as to be at least from 2 to 4 inches apart.

**GATOR HIDE MULCH PAPER KEEPS
DOWN WEEDS IN YOUR GARDEN.**

Top-Notch Collection of Standard Spencer Sweet Peas

10 separate varieties, regular
\$1.00 value for only 60c, postpaid.
At store 50c.

One packet each of the following colors:

Deep Pink	Lavender
Salmon	Orange
Cerise-red	Clear Blue
Pure White	Cream-pink
Deep Purple	Rosy Cerise

Our selection of varieties, price only 60c.



Early Flowering Spencer.

Bluff City Collection of Spencer Sweet Peas

8 regular 25c 1-oz. pkts., Separate Color Spencer Sweet Peas, Value \$2.00
One each of the following:

Fiery Cross. Red.
Miss California. Pink.
Guinea Gold. Orange.
Charming. Rosy cerise.

Countess. Rose.
King. White.
Mrs. Tom Jones. Blue.
Glen Eagles. Lavender.

At store, price \$1.25

**FOR
\$1.30**

Postpaid

Canna Bulbs

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. Plant 18 inches apart each way.

CITY OF PORTLAND. Flowers clear pink and retain their color well. Green foliage. **Postpaid, each, 12c; doz., \$1.00. Not prepaid, each, 10c; doz., 90c; 100 for \$5.50.**

HUNGARIA. The new pink Canna with green foliage, a beautiful shade of rose-pink. 4 feet. **Each, 15c; doz., 85c, postpaid. Not prepaid, each 8c; doz., 75c; 100 for \$5.00.**

KING HUMBERT. Orange-scarlet, bronze foliage, 4 feet. **Each, 10c; doz., 60c, postpaid. Not prepaid, each, 6c; doz., 50c; 100 for \$3.00.**

THE PRESIDENT. Bright crimson, very large flower, deep green foliage, 4 feet. **Each, 10c; doz., 60c, postpaid. Not prepaid, each, 6c; doz., 50c; 100 for \$3.00.**

YELLOW KING HUMBERT. Yellow dotted red, green foliage. Height 4 feet. **Each, 10c; doz., 60c, postpaid. Not prepaid, each, 6c; doz., 50c; 100 for \$3.00.**

SPECIAL OFFER

30 Canna Bulbs, only \$1.25.

Ten each: Hungaria, President and King Humbert; regular value, \$1.75. **Special offer \$1.25, postpaid.**

Caladiums or Elephant Ears

Caladiums are most effective plants in cultivation for beds or for planting out upon the lawn.

	Not Postpaid		Postpaid	
	Each	Doz.	Each	Doz.
Small Bulbs	\$0.05	\$0.50	\$0.08	\$0.65
Large Bulbs .....	.10	.90	.15	1.15
Mammoth Bulbs .....	.15	1.50	.20	1.80
Giant Size .....	.25	2.50	.30	2.80

Giant Amaryllis

One of the most beautiful, surest to flower and most easily handled of all bulbs. A single stem will produce from one to three lily-like flowers, six inches in diameter. Plant one bulb in a 6-inch pot, water sparingly until the flower shoots appear.

JOHNSON. Crimson flower, each petal striped white. Small bulbs, each, 20c; 6 for \$1.00. By mail, each, 25c; 6 for \$1.25. Larger bulbs, each, 25c; 6 for \$1.25. By mail, each, 35c; 6 for \$1.50.

Tuberose

DOUBLE PEARL. Plant in open ground in April or as soon as the ground becomes warm. Plant bulbs every three weeks for a succession of blooms all summer. **Doz., 45c; 100 for \$2.60, postpaid. Not prepaid, doz., 35c; 100 for \$2.25.**

ARMSTRONG'S EVERBLOOMING. A single sweet scented, early blooming variety; blooms longer than the double. **Doz., 45c; 100 for \$2.60, postpaid. Not prepaid, doz., 35c; 100 for \$2.25.**



Canna, The President.



Peony, Felix Crousse.

Peonies

Adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border. An important point to observe in the planting of Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering. Prices all varieties uniform as follows. **Each, 25c; 12 for \$2.50. By mail, each, 35c; 12 for \$2.80.**

Named Peonies

ALBERT CROUSSE. Fine shell-pink; free bloomer and beautiful.

EDULIS SUPERBA. Very early, bright clear pink.

FESTIVA MAXIMA. This is the finest white.

FELIX CROUSSE. Dazzling ruby-red; large.

KARL ROSENFELD. Velvety crimson; blooms of semi-rose type; very showy, beautiful flower.

COURONNE d'OR. Large white with cream-yellow center.

MADAME CALOT. Blush white with silvery pink. Free bloomer.

MONS. JULES ELIE. Glossy lilac-pink; fine bloomer.

SPECIAL OFFER

One each of the above named Peonies, regular price \$2.80, sent postpaid on receipt of \$2.00.

Peonies to Color

Double Pink	Each, 20c; 12 for \$1.75
Double Red	Each, 20c; 12 for \$1.75
Double White	Each, 20c; 12 for \$1.75
By mail, 5c each; 25c per dozen extra.	

Lilies

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Select well drained spot, dig the soil deep and make it fine, enriching it abundantly with well rotted cow manure, adding a liberal mixture of sand. Set the bulbs from 5 to 7 inches deep.

REGAL LILY. A real beauty, with large white flowers shading to yellow in the center, with a faint tinge of pink at the edges. **Each, 25c; doz., \$2.25, postpaid. Not prepaid, each, 20c; doz., \$2.00.**

LILIUM AURATUM (The Golden Band Lily of Japan). The flowers are pure white, while through the center of each petal runs a clear golden band. **Each, 40c; doz., \$3.50, postpaid. Not prepaid, each, 35c; doz., \$3.25.**

LILIUM RUBRUM. Petals are thickly dotted with rose or crimson spots. **Each, 40c; doz., \$3.50, postpaid. Not prepaid, each, 35c; doz., \$3.25.**

TIGER LILIES. Bright orange and red, spotted black. Very showy. **Each, 10c; doz., \$1.00, postpaid. Not prepaid, each, 15c; doz., \$1.15.**

Montbretias

These are quite hardy and should be planted in early spring. **Each, 10c; 12 for \$1.00. By mail, each, 15c; 12 for \$1.15.**

Madeira Vine

A favorite climber with dense, shiny green foliage and of rapid growth. Vines run 25 to 30 feet. **Each, 10c; doz., 75c. By mail, each, 15c; doz., 90c.**

Gladiolus

Culture—Gladioli will thrive in almost any good soil except a stiff clay. They require full sunlight and are liable to injury only from rank manure. Plant the bulbs 6 to 9 inches apart, the large ones 4 inches and the small ones 2 inches deep. Make an early planting of the smallest bulbs first as soon as the ground is sufficiently dry and warm. Continue to plant at intervals of two weeks during the spring and early summer; in this way a succession of bloom may be had from mid-summer until frost.

Six New Gladiolus

All have been thoroughly proven and are much superior to many of the older varieties. The flowers are very large and bold, and the first bloom that comes on the stalk remains fresh and full until the whole has filled out.

Prices on the following varieties uniform: Postpaid, each, 7c; doz., 50c; 100 for \$3.30. Not prepaid, each, 5c; doz., 40c; 100 for \$3.00.

DR. F. E. BENNET. Scarlet throat, striped with ruby and white, big and vigorous.

GIANT NYMPH. La France pink with cream-yellow throat.

MARY PICKFORD. Creamy white, soft, sulphur-yellow throat.

MINUET. Very large light lavender.

MRS. LEON DOUGLAS. Said to be the largest Gladiolus in existence, rose striped scarlet.

W. H. PHIPPS. La France pink, overlaid with salmon rose, a lovely shade.

SPECIAL OFFER

One each of above 6 new varieties of Gladiolus, 35c, postpaid.

Two each of the 6 varieties, 12 bulbs, 50c, postpaid.

Four each of the 6 varieties, 24 bulbs, 95c, postpaid.

Six Standard Gladiolus

Prices uniform as follows: Postpaid, each 4c; doz., 40c; 100 for \$2.30. Not prepaid, each 3c; doz., 30c; 100 for \$2.00; 500 for \$3.50.

AMERICA. Soft lavender-pink.

CHICAGO WHITE. White with lavender throat.

MRS. FRANCIS KING. Immense flamingo-pink.

MRS. FRANK PENDLETON. Flushed salmon-pink.

SCHWABEN. Pure canary-yellow.

VIRGINIA. Rich, deep scarlet.

SPECIAL OFFER

Two each of above 6 standard Gladiolus, 12 bulbs, 40c, postpaid.

Four each of above 6 standard Gladiolus, 24 bulbs, 75c, postpaid.

Six Standard Gladiolus

Prices uniform as follows: Postpaid, each, 6c; doz., 45c; 100 for \$2.80. Not prepaid, each 4c; doz., 35c; 100 for \$2.50; 500 for \$11.00.

ANNA EBERIUS. Dark, velvety purple.

BARON HULOT. Rich violet-blue.

GOLDEN MEASURE. Rich golden-yellow.

HALLEY. Delicate rose, blotched white.

LOS ANGELES. Shrimp-pink, orange throat.

PRINCE OF WALES. Enormous, coral-pink.

SPECIAL OFFER

Two each of above 6 standard Gladiolus, 12 bulbs for 40c, postpaid.

Four each of above 6 standard Gladiolus, 24 bulbs, 75c, postpaid.

Mixed Gladiolus

EXHIBITION MIXED: Made up from the best named varieties, grand assortment of colors, No. 1 size: Doz. 35c; 100 for \$2.25; 500 for \$10.00; 1,000 for \$17.50. By mail, doz., 45c; 100 for \$2.50.

STANDARD MIXED: A good grade, well assorted colors, No. 1 size. Doz., 25c; 100 for \$1.50; 500 for \$6.50; 1,000 for \$12.50. By mail, doz., 35c; 100 for \$1.75.

Dahlias

Time of Planting—The time for planting Dahlias varies, quite a good deal, according to the locality. In the Southern states tubers may be set out as early as April 1st, and from then until the middle of May.

Special Dahlias

AMBASSADOR. Dec. Amber and pink. Each 45c.

CITY OF TRENTON. Reddish apricot. Dec. Each, 60c.

FORT MONMOUTH. Crimson-maroon. Dec. Each, 60c.

KATHLEEN NORRIS. Dec. Immense pink. Each, 75c.

ROMAN EAGLE. Burnished copper. Dec. Each, 45c.

JANE COWL. Decorative. Buff and orange. Each, 35c.

MARY WOODROW WILSON. Rosy red. Each, 30c.

If wanted by mail, add 5c each extra.

One each of above 7 special Dahlias only \$2.50; by mail, \$2.75.

Standard Dahlias

AMERICAN BEAUTY. Wine red. Dec. Each, 15c.

BARBARA REDFERN. Decorative. Old rose and gold. Each 30c;

CANTEEN. Rosy pink. Decorative. Each, 15c.

CRIMSON BEAUTY. Large crimson. Dec. Each, 15c.

DEE-LIGHTED. Giant waxy white. Dec. Each, 15c.

GOLDEN GATE. Cactus. Gold and bronze. Each, 15c.

HALO. Decorative. Sulphur-white. Each, 20c.

JOPPA. Decorative. Salmon-rose. Each, 15c.

KITTY DUNLAP. Carmine rose. Dec. Each, 20c.

JERSEY'S BEAUTY. Beautiful, clear pink. Decorative. Each, 15c.

JERSEY'S BEACON. Chinese scarlet. Dec. Each, 25c.

MRS. I. DE VER WARNER. Mauve-pink. Decorative. Each, 15c.

PATRICK O'MARA. Chrome-yellow. Dec. Each, 20c.

PRIDE OF CALIFORNIA. Bright red, free blooming. Decorative. Each, 15c.

PURPLE BEAUTY. Intense bloomer. Decorative. Each, 15c.

SQUARE DEAL. Salmon-pink. Decorative. Each, 15c. By mail, add 5c each extra.

SPECIAL OFFER: One each of above 16 standard Dahlias, only \$2.25. By mail, \$2.45.

Dahlias to Color

Six unnamed varieties but true to color, postpaid, each, 20c; 12 for \$1.75. Not prepaid, each, 15c; 12 for \$1.50. All double varieties, red, pink, yellow, white, maroon, purple.

Pompon Dahlias

Also known as bouquet Dahlias. Price any of the following six varieties: Postpaid, each, 20c; not prepaid, each, 15c.

LITTLE BEAUTY. Soft mauve-pink.

LITTLE HERMAN. Red, tipped white.

CATHERINE. Very bright yellow.

SNOWCLAD. The best pure white.

JESSICA. Yellow, tipped red.

DARKEY. Very deep purple.

Kathleen
Norris.

Everblooming Roses

All two-year field grown hardy plants, No. 1 Grade.

Set out Roses very early in the spring before the sap rises. They will be sure to grow and will bloom the first season. Remember, these are all heavy outdoor grown plants, two years old and they will please you. All Roses will be pruned ready for planting.

Price, any variety: Each, 35c; 3 for \$1.00; 6 for \$1.80; 12 for \$3.50. By mail, each, 45c; 3 for \$1.25; 6 for \$2.10; 12 for \$3.90.

BUSH VARIETIES

American Beauty. Red.
Columbia. Pink.
Duchess of Luxembourg. Orange.
Etoile de France. Red.
Frau Karl Druschki. White.
Francis Scott Key. Crimson.
Gen. Jacqueminot. Red.
Hadley. Scarlet.
Hoosier Beauty. Crimson.
J. J. L. Mock. Pink.
K. A. Victoria. White.
Killarney. Pink.
Killarney. White.
Lady Hillingdon. Yellow.
La France. Fragrant pink.
Los Angeles. Coral.

BUSH VARIETIES

Mme. Butterfly. Pink and yellow.
Mrs. Chas. Bell. Pink.
Paul Neyron. Pink.
Ophelia. Salmon.
Pink Cochet. Pink.
Radiance. Pink.
Red Radiance. Red.
Sunburst. Orange.
Ulrich Brunner. Crimson.

CLIMBERS

Cl. American Beauty. Red.
Cl. Paul's Scarlet. Red.
Cl. Silver Moon. White.
Cl. Dr. W. Van Fleet. Flesh.
Cl. Crimson Rambler.



Columbia.

Use TRI-O-GEN for Roses

A Sure Preventative for Black Spot

SPECIAL ROSE OFFER

5 Two Year No. 1 Everblooming Rose Bushes. **\$1.25**

One each, Pink, Orange, Red, Yellow and White named varieties, our selection, individually tagged as to name.

Only \$1.25; by mail, \$1.40.

EVERMARK Plant Label Pencil

Makes a permanent record on labels and stakes.

The greatest improvement since lead pencils were invented. All-weather proof, for writing on all plant labels. Will not rub off, will not wash off. Each 10c; doz., \$1.00. Mailed, each 15c; doz., \$1.10.



Roslyn.

DANDY ROSE Collection

10 New and Exceptional Roses—Specially Priced

\$3.35

By mail, \$3.60.

Sold only as named below.

Dame Edith Helen. Fragrant pink.
Etoile de Hollande. Mammoth crimson.
Margaret McGredy. Oriental red.
Mrs. E. P. Thom. Lemon-yellow.
Pres. Herbert Hoover. Yellow, veined pink.
Edith Nellie Perkins. Cerise.
Talisman. Pink and gold.
Willowmere. Shrimp-pink.
Miss Rowena Thom. Rose-pink.
Roslyn. Orange-yellow.

Our Rose bushes are No. 1 grade, 2-yr. old plants.

New Roses

2-year field grown, No. 1 grade.

Each 40c; 3 for \$1.15; 6 for \$2.00; 12 for \$3.75. By mail, each 50c; 3 for \$1.30; 6 for \$2.25; 12 for \$4.20.

BUSH VARIETIES

Betty Uprichard. Salmon.
Dame Edith Helen. Pink.
Lady Margaret Stewart. Orange.
Margaret McGredy. Oriental red.
Miss Rowena Thom. Rose-pink.
Mrs. E. P. Thom. Lemon-yellow.

Pres. Herbert Hoover. Yellow, veined pink.
Rev. F. Page-Roberts. Yellow, veined pink.
Sensation. Bright crimson.
Souv. de Claudius Pernet. Yellow.
Talisman. Golden red-pink.
Willowmere. Shrimp-pink.

Exceptional Roses

2-year field grown, No. 1 grade.

Each, 50c; 3 for \$1.45; 6 for \$2.75; 12 for \$4.75. By mail, each, 60c; 3 for \$1.60; 6 for \$3.00; 12 for \$5.20.

BUSH VARIETIES

Etoile de Hollande. Crimson.
Edith Nellie Perkins. Cerise.
Joanna Hill. Indian yellow.
Roslyn. Orange-yellow.
Ville de Paris. Buttercup-yellow.

CLIMBING VARIETIES

Cl. Marechal Niel. Yellow.
Cl. Red Radiance. Red.
Cl. Columbia. Pink.
Cl. Sunburst. Orange.
Cl. Talisman. Pink and gold.

GARDEN CLUB FLOWER SHEARS

New. Snips and holds the flower at one operation. Holds stem and saves hands. Specially priced, 59c pair; by mail, 74c.



Etoile de Hollande.



Snowball.

Broad-Leaf Evergreens

	Each	10
ABELIA grandiflora. 2 to 3 ft.	\$.35	\$ 3.00
GARDENIA. (Cape Jasmine). 1½ to 2 ft.	1.25	10.00
LIGUSTRUM lucidum. 1½ to 2 ft.	1.00	8.00
MAHONIA. (Oregon Holly). 1½ to 2 ft.	1.25	10.00
NANDINA domestica. 1½ to 2 ft.	1.00	8.00
CHERRY and ENGLISH LAUREL. 1½ to 2 ft.	1.00	8.00

CONIFEROUS EVERGREENS

Write for prices, stating varieties wanted.

Hedge Plants

AMOOR RIVER PRIVET. Almost entirely evergreen. Upright; dark green leaves. 18 to 24-inch. 25 for \$1.25; 100 for \$3.50.

CALIFORNIA PRIVET. Leaves dark green. May be trimmed as desired. 18 to 24-inch. 25 for \$1.00; 100 for \$2.50. Other sizes and varieties quoted on request.

Grafted Pecans

2 to 3 ft. trees each .60; 10 for \$4.00
3 to 4 ft. trees each .75; 10 for \$5.00

SCHLEY. Finest for eating. Nuts long, thin-shelled, well filled.

STUART. Nuts of good size; shell medium thin.

SUCCESS. Resembles Stuart, but larger. Nuts thin-shelled.

Write for special prices on larger quantities.

Asparagus Roots

MARY WASHINGTON. Strong 2 year roots. Doz. 35c; 50, \$1.00; 100, \$1.70, postpaid. Not prepaid, doz., 25c; 50, 75c; 100, \$1.35; 1,000, \$12.50.

Horseradish Roots

Large, strong cuttings. Doz., 30c; 100, \$2.00; 1,000, \$15.00. If wanted by mail, add 10c per dozen for postage.

Rhubarb Roots

Two-year roots. Each 30c; 6 for \$1.25; 12 for \$1.85; postpaid. Not prepaid, each, 20c; 6 for \$1.00; 12 for \$1.50. One-year roots, each, 15c; 6 for 65c; 12 for \$1.00, postpaid. Not prepaid, each, 10c; 6 for 50c; 12 for 75c.

Flowering Shrubs

Two year strong plants.	Each	10
ALTHEA. Red, pink, white.	\$.25	\$2.00
BERBERIS. (Japanese Barberry) .....	.25	2.00
BERBERIS. Red Leaved. ....	.35	3.00
BUTTERFLY BUSH. (Buddleia). ....	.25	2.00
CALYCANTHUS. ....	.35	3.00
CREPE MYRTLE. Pink, red, purple. ....	.40	3.00
CYDONIA. (Japan Quince). ....	.25	2.00
FORSYTHIA. (Golden Bell). ....	.25	2.00
DEUTZIA. Pride of Rochester. ....	.25	2.00
HYDRANGEA. White, Hills of Snow. ....	.35	2.50
HYDRANGEA PANICULATA. ....	.25	2.00
HYPERICUM. (Gold Flower). ....	.35	3.00
KOLKWITZIA. (Beauty Bush). ....	.35	3.00
LILAC. White and purple. ....	.25	2.00
PHILADELPHUS. (Mock Orange). ....	.25	2.00
PHILADELPHUS. Virginal. ....	.25	2.00
SNOWBALL. White. ....	.35	2.50
SPIREA. Bridal Wreath. ....	.25	2.00
SPIREA. Anthony Waterer. ....	.25	2.00
SPIREA. Thunbergi. ....	.25	2.00
SPIREA. Van Houtte. ....	.25	2.00
SPIREA. Thunbergi. ....	.25	2.00
WEIGELA. Eva Rathke. Red. ....	.25	2.00
WEIGELA. Rosea. ....	.25	2.00
WEIGELA. Crimson. ....	.25	2.00

Ornamental and Shade Trees

	Each
DOGWOOD. Red flowering, 2-3 ft.	\$1.50
DOGWOOD. White flowering. ....	.75
ELM. Chinese. Rapid grower, 6-8 ft.	1.00
FLOWERING PEACH. Red, pink, white. ....	.35
MAGNOLIA GRANDIFLORA. 3-4 ft.	1.50
MAPLE. Silver. 6-8 ft. ....	.75
MAPLE. Sugar. 6-8 ft.	1.00
MAPLE. Norway. 6-8 ft.	1.00
POPLAR. Lombardy. 6-8 ft. ....	.60
POPLAR. Chinese. 6-8 ft. ....	.75
PURPLE LEAVED PLUM. 4-5 ft. ....	.60
REDBUD. American. 5-6 ft.	1.00
TEXAS UMBRELLA. Rapid grower. 5-6 ft.	1.00
WEEPING MULBERRY. Drooping habit.	1.50



Chinese Elm.

Hardy Climbing Vines

	Each
BOSTON IVY. Bright green leaves. ...	\$.35
ENGLISH IVY. Glossy green leaves. ...	.35
CLEMATIS PANICULATA. Small white. ....	.40
CLEMATIS JACKMANI. Large purple. ....	.60
HALL'S HONEYSUCKLE. White to yellow. ....	.25
KUDZU VINE. Rapid growing purple. ...	.20
WISTERIA. Purple. Lavender flowers. ...	.40
WISTERIA. White. White flowers. ....	.40

Hardy Perennials

	Each	Doz.
CLOVE PINKS	\$.15	\$1.50
CORALBELL. .....	.35	3.50
HOLLYHOCKS. Assorted colors. ...	.15	1.50
GERMAN IBIS. 8 varieties. ....	.25	2.50
JAPANESE IRIS. .....	.25	2.50
MALLOW MARVEL HIBISCUS. ..	.40	4.00
PERENNIAL PHLOX. 5 colors. ...	.20	2.00
SHASTA DAISY .....	.25	2.50

Evermark Plant Label Pencils

Will not rub or wash off. Each, 10c; 12 for \$1.00.



Clematis Jackmani.

Gladiolus Offer Rainbow Mixture

Our best mixture. Many varieties of Gladiolus. 50 bulbs 75c; by mail 95c. 25 bulbs 40c; by mail 52c.

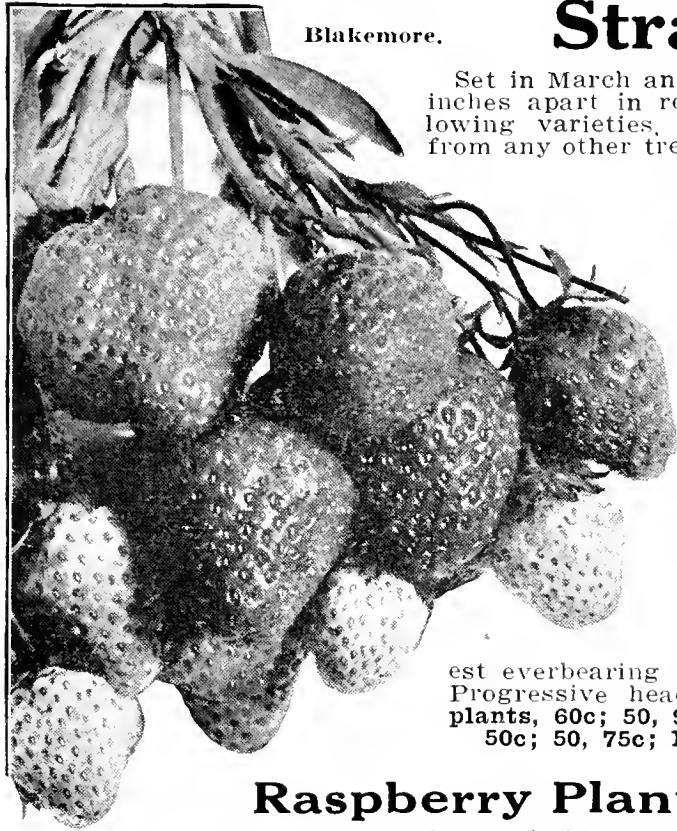
100 bulbs

\$1.45

by mail \$1.68



Gardenia—Cape Jasmine.



Blakemore.

Strawberries

Set in March and April in rows 3½ feet wide and 15 inches apart in row. We can furnish any of the following varieties, but they will be shipped separate from any other trees or plants on our list. Plants ready in March.

PRICES. Each variety uniform as follows: 100, 70c; 250, \$1.25; 500 \$2.10; 1,000, \$2.90, postpaid. Not prepaid, f. o. b. nursery: 100, 50c; 250, \$1.00; 500, \$1.75; 1,000, \$2.50; 5,000, \$10.00.

AROMA. Large size, dark red and sweet.

BLAKEMORE. Red, very early and of fine flavor.

EXCELSIOR. Extra early, one of the best drought resisters.

KLONDYKE. A shapely, dark red berry of uniform size.

Everbearing Strawberry Plants

PROGRESSIVE. The world's greatest everbearing strawberry. In size and quality Progressive heads the list. Price postpaid: 25 plants, 60c; 50, 90c; 100, \$1.45. Not prepaid, 25, 50c; 50, 75c; 100, \$1.25; 500, \$5.00.

Raspberry Plants

Price, any of following varieties: 10 for 75c; 100 for \$4.50, postpaid. Not prepaid, 10 for 60c; 100 for \$4.00.

CUMBERLAND. Large, firm, oval-shaped berry.

CUTHBERT. Large berry, red, and juicy.

KANSAS. Jet black, does well in this section.

ST. REGIS. Medium sized fruit, bright red.

Blackberry Plants

PRICE, either of following varieties: 10 for 75c; 100 for \$4.50, postpaid. Not prepaid, 10 for 60c; 100 for \$4.00.

EARLY HARVEST. Extra early. Good quality.

ELDORADO. Large, sparkling black fruit.

Dewberry Plants

We can supply two varieties, **AUSTIN** and **LUCRETIA**. Price, 10 for 75c; 100 for \$4.50, postpaid. Not prepaid, 10 for 60c; 100 for \$4.00.

Fig Bushes

Two-year, 3 to 4 ft., each, 40c; 10 for \$3.50.

One-year, 1½ to 2 ft., each, 30c; 10 for \$2.50.

BROWN TURKEY. Fruit fair sized, pear-shaped, skin coppery-brown. Very hardy.

CELESTIAL. Small, violet colored. Very prolific, sweet and of excellent quality. Hardest of all Figs.

Scuppernong Grapes

Two-year, each, 50c; 10 for \$4.00; 100 for \$30.00.

JAMES. Large, black fruit borne in clusters of ten to twenty berries.

BRONZE. Small sized clusters of dark red fruit. Excellent flavor.



Brown Turkey Fig.



St. Regis Red Raspberry.



Abundance Plum.

CERTIFICATE OF INSPECTION

Issued annually by the Tennessee State Entomologist, showing freedom of our stock from San Jose Scale and other injurious insects and diseases, will be attached to every shipment.

Terms are strictly cash. F. O. B. growing station. No trees shipped C. O. D.

Plum Trees

PRICE, two-year trees, 4 to 5 ft., each, 35c; 10 for 2.50.

PRICE, one-year trees, 2 to 3 ft., 10 for \$1.50; 100, \$12.50.

ABUNDANCE. Large. Amber in color, changing to red. Ripens a week later than Red June.

BURBANK. Fruit large, deep red overlaying a yellow ground. Flesh deep yellow and very sweet. July.

RED JUNE. Deep red skin, light yellow flesh. sub-acid. A semi-cling, ripening in June and July.

SHROPSHIRE DAMSON. The most desirable preserving variety. Ripens August.

WILD GOOSE. Fruit large, red, richly acid. Ripens early.

Cherry Trees

PRICE, two-year trees, 3 to 5 ft., each, 40c; 10 for \$3.00.

PRICE, one-year trees, 2 to 3 ft., 10 for \$2.00; 100, \$15.00.

GOVERNOR WOOD. (Sweet). Medium size, pale yellow with pink flesh.

EARLY RICHMOND. (Sour). Medium size, bright red. Ripens last of May.

LARGE MONTMORENCY. (Sour). Larger than Early Richmond and ripens about ten days later. Bright red.

BLACK TARTARIAN. (Sweet). Fruit large, black, heart-shaped.

Grape Vines

Two-year strong plants. Each, 20c; 10 for \$1.50; 100, \$10.00.

CONCORD. Berry large, blue-black in color. Very sweet.

DELAWARE. Berry small, red. Very fine flavor.

MOORE'S EARLY. Extra early, black grape. Ripens two weeks ahead of Concord.

NIAGARA. Large, white. Fruit tender, skin tough.

Delicious
Apple.

Apple Trees

Price two-year trees, 4 to 5 ft., each, 35c; 10 for \$2.80.
Price one-year trees, 2 to 3 ft., 10 for \$1.60; 100, \$12.00, f. o. b. nursery.

EARLY HARVEST. Medium size, pale yellow, juicy. May and June.
YELLOW TRANSPARENT. Greenish yellow skin; white flesh. One of the earliest to ripen. May and June.

RED JUNE. Deep red skin; white flesh, tender and very juicy. June and July.

YELLOW HORSE. Large, greenish yellow skin, flesh acid. July and August.

DELICIOUS. Fruit large and easily identified by its sheep-nose shape. Skin dark red, flesh fine-grained. Late fall.

GRIMES GOLDEN. Large size, golden-yellow.

STAYMAN WINESAP. Skin dark red, flesh crisp and juicy. October.

WINESAP. Good quality, dark red skin, crisp, sub-acid flesh. September and October.

ROME BEAUTY. Large size. Good quality. Red and yellow. Ripens August.

HYSLOP CRAB. Large, dark fruit. Tree very productive.

Peach Trees

Varieties given ripen in order named, the earliest being Mayflower.

Price two-year trees, 4 to 6 feet., each, 35c; 10 for \$2.50.

Price one-year trees, 2 to 3 ft., 10 for \$1.50; 100, \$12.00, f. o. b. nursery.

MAYFLOWER. Medium size, red skin, firm flesh. Freestone.

RED BIRD. Extremely early, a money-maker. Flesh is creamy white, of fine firmness. The outside skin is brightest red, highly colored.

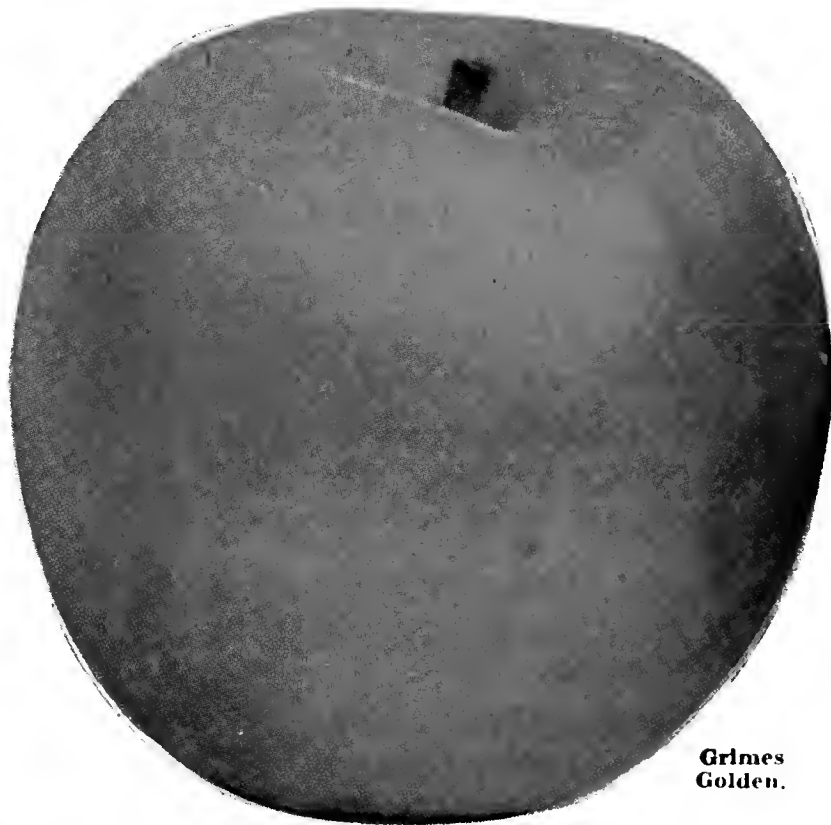
EARLY ROSE. Early. Fruit fair sized, highly colored. Cling.

ARP BEAUTY. Medium size, yellow skin touched with red. Flesh yellow. Free.

GREENSBORO. Skin white with red cheek, flesh white and juicy. Free.

CARMAN. Large size. Flesh creamy white tinged with red. Freestone.

EARLY ELBERTA. Larger than Elberta. Flesh yellow, fine grained. Free.

Grimes
Golden.

HILEY. Large size, white skin tinted red, white flesh. Freestone.

BELLE OF GEORGIA. Fruit large, skin white with red cheek. Flesh white. Free.

CHINESE CLING. Fruit large, skin white with red cheek. Reliable.

ELBERTA. Well known. Large size, flesh yellow and juicy. Freestone.

INDIAN CLING. Large size, flesh red, streaked with white.

J. H. HALE. Large size, skin deep red, flesh yellow. Freestone.

HEATH CLING. Fruit of large size, flesh white and juicy.

KRUMMEL'S LATE. Large, round, skin yellow with red cheek. Freestone.

Pear Trees

Price two-year trees, 4 to 5 ft., each, 40c; 10 for \$3.00.

Price one-year trees, 3 to 4 ft., 10 for \$2.00; 100, \$15.00.

BARTLETT. Best of the eating Pears. Large size, skin yellow with red blush.

LE CONTE. Fair sized, yellow, bell-shaped. Tree bears young.

SECKEL. Small, yellowish brown. Flesh very sweet.

GARBER. Similar to Kieffer in appearance, ripening earlier.

KIEFFER. Large size, skin golden yellow with blushed cheek.

PINEAPPLE. Practically blight-proof. Very desirable.

Miscellaneous Trees

Average height of trees 3 to 4 feet.

	Each	10
APRICOT. Early Golden, Royal	\$0.40	\$2.00
MULBERRY. Hicks' Everbearing	.50	4.00
QUINCE. Orange, Meech Prolific	.50	4.00
NECTARINE. Boston, Red Roman	.50	4.00
CHESTNUT. American Sweet.	.60	5.00

1934 CALENDARS FREE WITH ORDERS. ASK FOR ONE.

Carman
Peach.

OUR FRUIT TREES ARE 1ST GRADE, TRUE TO NAME.

Seed Sowers

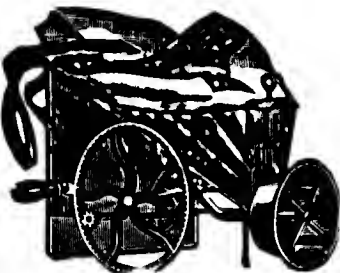


Cyclone Broadcast Seed Sower

Will sow Timothy, Clover, Lespedeza, Oats, Rye, Wheat, Millet, Grass Seeds, Peas, Sorghums, etc. Works perfectly; has an agitating feed plate which insures a uniform flow of seed. Price, each, \$1.95; by parcel post, \$2.20.

Cahoon Broadcast Seed Sower

One of the best seeders manufactured, and sows all kinds of grain, Clover seeds, Lespedeza, etc. Very strong and durable. Price, each, \$3.95, by parcel post, \$4.30.

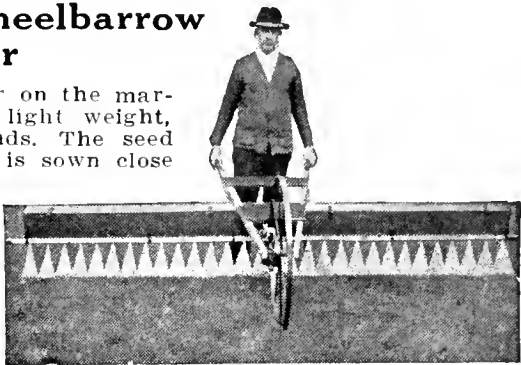


The Horn Seed Sower

A splendid little tool. Will sow any fine seed like Clover, Lespedeza, Timothy, Alfalfa and Grasses. Price, \$1.00; by parcel post, \$1.10.

Thompson's Wheelbarrow Seeder

The fastest grass seeder on the market. Easy running and light weight, complete, only 50 pounds. The seed is never bunched. Seed is sown close to ground, hence the wind does not blow it. No. 3 Double Hopper. 14 feet in length, having an extra deep hopper, is the best for sowing Lespedeza seed in addition to sowing Alfalfa, Clovers, Millet, Timothy, Grasses, etc. Price, each, \$13.50.



Vigoro Spreader

Spreads Vigoro, seed, sand, and insecticides uniformly at any desired rate. Equipped with handle controlled shut-off. Made in two sizes: 14-inch, without wheels, \$1.60; 24-inch, with wheels, \$6.00.



BLOOM AID

The odorless plant food for flowers and gardens. 25-lb. bag, \$1.50; 100-lb. bag, \$4.00.

FAIRWAY

The best plant food for lawns and grasses. 25-lb. bag, \$1.50; 100-lb. bag, \$4.00.

Flower Pots and Garden Tools

Baskets

1/2 bushel with bale handle, doz.\$1.85
1 bushel with side handle, doz. 1.15

Corn Planters

One hand Adjustable, each\$1.75
Two hand adjustable, each 1.35

Cotton Pick Sacks

8 oz. Osnaburg heavy material
4 1/2 ft., each ...\$0.70—7 1/2 ft., each...\$0.90
6 ft., each80—9 ft., each ... 1.00

Clipper Grain and Seed Cleaners

The vertical air blast cleaner, fans and separates all kinds of seeds and grain. Ask for circular.
Price No. 1-B Clipper Cleaner with Screens. Each \$39.00
Price No. 2-B Clipper Cleaner with Screens. Each 45.00

Evermark Plant Label Pencils

Will not rub or wash off—
Each10c; 12 for\$1.00

Flower Hanging Baskets

8 inch. Each ..\$0.15—12 inch. Each ..\$0.30
By mail 10c each, extra.

Flower Pots

Doz.	100	Each	Doz.
2 1/2 inch	\$0.25	\$1.50	6 inch . .08 . .85
3 inch . .30	1.75	7 inch . .15 1.35	
4 inch . .40	2.50	8 inch . .20 2.25	
5 inch . .60	4.25	10 inch. .35 4.00	

Sold without saucers, 12 inch . .75 8.25

Red Neponset Paper Flower Pots

	100	1000
2 1/4 in.	\$0.45	\$3.80
2 1/2 in. ....	.50	4.10
3 in. ....	.70	5.10
4 in. ....	.95	8.00

By mail, 15c per 100 extra.



Black Neponset Paper Flower Pots

	100	1000
2 1/4 in.	\$0.60	\$4.45
2 1/2 in. ....	.65	4.90
3 in. ....	.80	5.90

By mail, 15c per 100 extra.

Hedge Shears

No. 700—7 inch. Each\$1.25
No. 900—9 inch. Each 1.90

Garden Club Flower Shears

Cuts and holds the flower at one operation. Each, 59c; by mail, 74c.

Garden Bird Flower Supports

Five colors of birds on strong iron stake. Each, 15c; by mail, 25c.

Garden Hoes

The Wonder Hoe. Has five cutting edges. It is a marvelous tool. Each, \$1.75.
Steel Hoe. 6 1/2 inch. Each, 80c.
Onion Hoe. 4 inch. Each, 45c.

Garden Trellis

Junior. Not painted. Each, 50c.
Master. Not painted. Each, 75c.

Garden Trowels

No. T-18. 6-inch steel. Each, 20c.
No. T-15. Long handle. Each, 30c.
No. 7. 6-inch aluminum. Each, 50c.
No. 8. 6-inch aluminum transplanting. Each, 40c.
No. 219. 15-inch asparagus knife. Each, 40c.

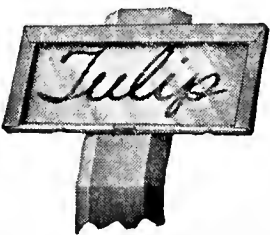
Mole Trap, Reddick

Reddick Mole Trap. Each, \$1.25; by mail, \$1.50.

Moss

Green Sheet Moss. 1 lb., 40c; mailed, 50c.
Sphagnum Moss. Per bale (about 18 lbs), \$1.80.

Plant Markers



Galvanized with inclined head.
12-inch..... Doz., \$1.00; mailed, \$1.25
16-inch..... Doz., 1.25; mailed, 1.35
24-inch..... Doz., 1.50; mailed, 1.85

Peach Baskets

Quart Size. \$1.50 per 100; mailed \$1.95.
\$13.50 per 1000.

Plant Labels, Wooden

	100	1000
4-inch	\$0.40	\$2.25
5-inch .....	.50	2.50
Copper-Wired Tree Labels .....	.50	2.50

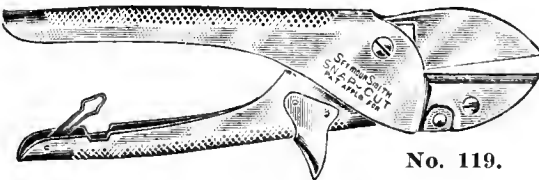
Plant Stakes

	Doz.	100
Green Bamboo	\$0.20	\$0.90
Natural Cane. 3/4 in. ....	.75	5.00

Doz.

No. 234. 2-ft. Steel Plant Supports ...\$1.50
No. 235. 3-ft. Steel Plant Supports ... 1.90
No. 236. 4-ft. Steel Plant Supports ... 2.80
No. 236 1/2. 5-ft. Steel Plant Supports . 3.20

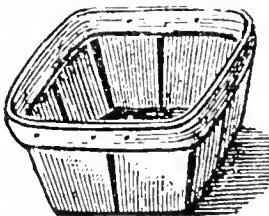
Pruning Shears, Hand



No. 119. Snap Cut Shears\$1.50
No. 148. 8-inch Pruning Shears85
No. V-149. 9-inch Heavy Shears 1.75
No. 1400. Lion Roll Cut Shears 1.85
No. V-20. 26-inch Pruning Tool 1.75
No. V-30. 26-inch Pruning Tool 2.25
No. V-50. 15-inch Pruning Tool 1.00
No. 166-Va. Curved Pruning Saw 1.25

Strawberry Boxes

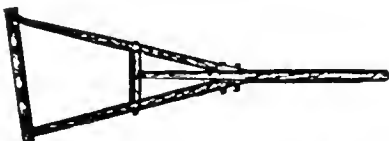
1-Pint. 70c per 100; mailed, \$1.00.
\$6.50 per 1000.
1-Quart. 80c per 100; mailed,\$1.20.
\$7.00 per 1000.



Twine

2-Ply Jute. 1/2-lb. ball, 15c; 7 balls, \$1.00.
2-Ply Jute. 50-lb. coil (many ends), \$11.75.

Weeders



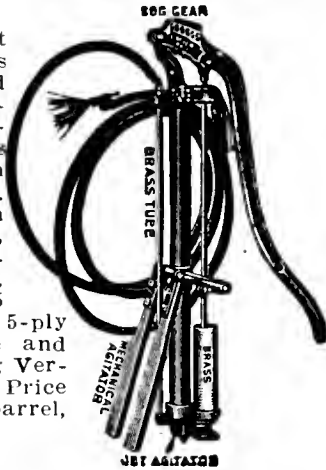
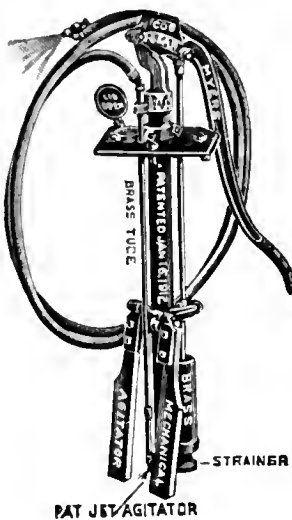
Lively two-edged weed cutters. Each, \$1.00.
Extra blades for same. Each, 50c.

R.-H. Co.'s Spray Pumps

Barrel or Orchard Spray Pumps

We handle only standard outfits, all sold at manufacturers prices. Repair parts available on short notice. Special catalog mailed on application.

MYERS No. R305B. Designed to meet the requirements where a good pump at a moderate price is required. Attached to the side of an open barrel. Equipped with Cog Gear Handle, jet and mechanical agitators, complete with 15 feet of ½-inch 5-ply discharge hose and Myers Graduating Vermorel Nozzle. Price complete, less barrel, \$12.00.



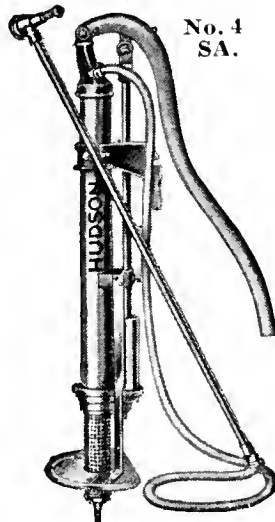
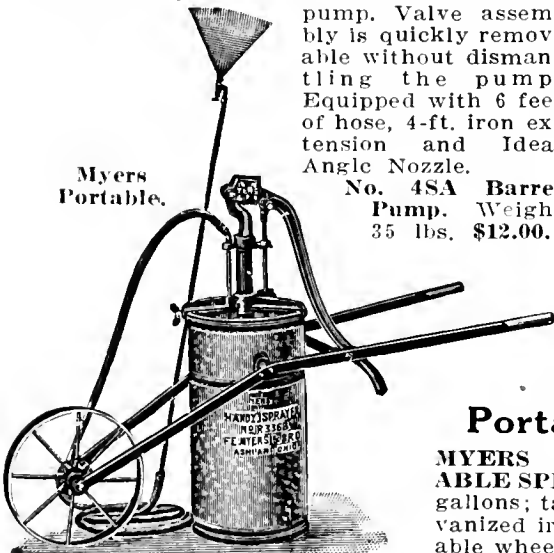
MYERS No. R318B. Attaches to top of closed barrel. Has bronze ball valves and brass seats. Plunger is self expanding and the cylinder and pipes are all brass. Price, with one lead of 15 feet of ½-inch, 5-ply discharge hose, graduating Vermorel nozzle and mechanical agitator, \$13.00.

Hudson Barrel Pump

The Hudson Barrel Pump develops 250 lbs. working pressure. Large cylinder and air chamber. Special non-clogging strainer is cleaned by agitator with each stroke of pump. Valve assembly is quickly removable without dismantling the pump. Equipped with 6 feet of hose, 4-ft. iron extension and Ideal Angle Nozzle.

Myers Portable.

No. 4SA Barrel Pump. Weight 35 lbs. \$12.00.



Portable Sprayers

MYERS No. R336 1/2 B PORTABLE SPRAYERS. Capacity 12 ½ gallons; tank made of heavy galvanized iron, equipped with portable wheelbarrow frame; has agitator, with 15 feet hose connection. Vermorel nozzle and 8-ft. pipe extension. Complete, \$19.50.

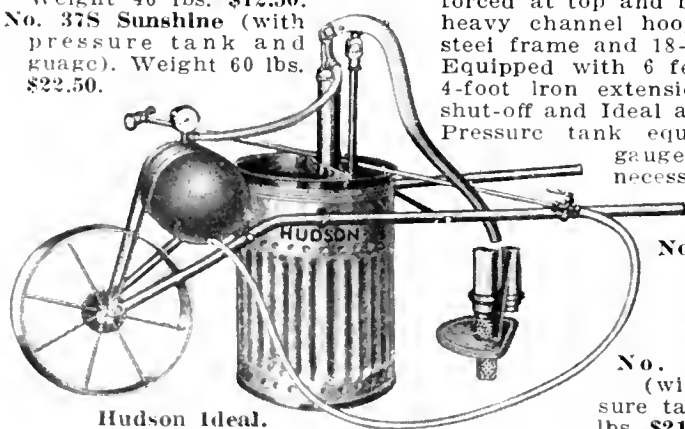
Hudson No. 36S Sunshine.

Hudson Ideal

A high pressure, portable sprayer for the gardener, poultry raiser, orchardist, etc. Holds 15 gallons. Powered with the Hudson 4SA Barrel Pump. Tank is heavy galvanized steel, reinforced at top and bottom with heavy channel hoops. Tubular steel frame and 18-inch wheel. Equipped with 6 feet of hose, 4-foot iron extension, leakless shut-off and Ideal angle nozzle. Pressure tank equipped with gauge and all necessary fittings.

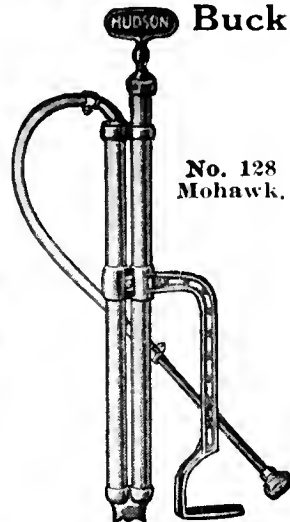
No. 35S Ideal (with pressure tank) Wt. 100 lbs. \$31.25.

No. 34S Ideal (without pressure tank). Wt. 81 lbs. \$21.00.

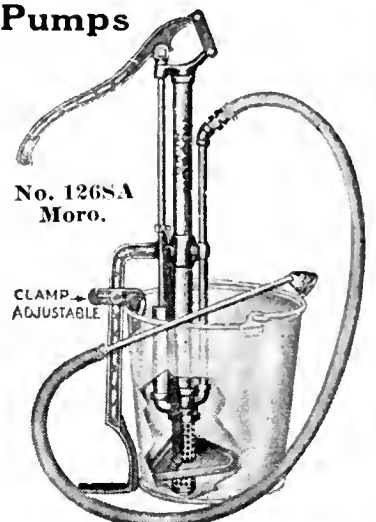


Hudson Ideal

Bucket Spray Pumps



No. 128 Mohawk.



No. 126SA Moro.

No. 128 HUDSON MOHAWK. The Mohawk is used extensively for small crops, whitewashing, disinfecting, etc. All working parts are brass. Foot rest is adjustable for various heights. Equipped with 3 feet of hose, 12-inch iron extension and brass nozzle with variable discs. Weight 7 lbs. \$3.50; mailed, \$3.90.

No. 126SA HUDSON MORO. Designed for use with whitewash, cold water and cement paints and sediment bearing solutions. Equipped with non-clogging brass strainer, cleaned by mechanical agitator at each stroke of pump. Has adjustable foot rest. Valve assembly quickly removable without dismantling pump. Equipped with 3 feet of hose, 12-inch extension rod and Fog nozzle fitted with discs. Complete with agitator. Weight 10 ½ lbs. \$6.00; mailed, \$6.50.

MYERS BUCKET SPRAYERS. These spray pumps are constructed entirely of brass. They are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up.

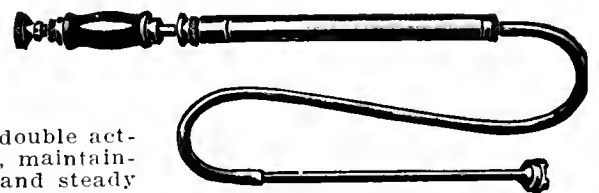
Myers No. 325 Bucket Pump. Makes fine or coarse spray; all brass; provided with a good air chamber. \$3.20; by parcel post, \$3.50.

Myers No. R324 Spray Pump. A combination bucket and barrel spray pump; can be used either way; it has cog gear handle with large cylinder. Price, with nozzle, \$4.75; by parcel post, \$5.15.

Myers R324.

Myers 325.

The Hudson Trombone is a high pressure spray pump for all solutions. It is double acting and continuous, maintaining high pressure and steady discharge with ease. All parts are brass with bronze valves easily accessible for cleaning. Fitted with three feet of ¾-inch hose, intake pipe and strainer. Nozzle has interchangeable discs for various types of material. No. 133 Trombone. Weight 3 ½ lbs. \$3.95; mailed, \$4.40.



No. 133 Trombone.

Hose Connections and Hose Clamps



Female End Hose Connection for ¾- or ½-inch hose. 25c each.



Male End Hose Connection for ¾- or ½-inch hose. 25c each.

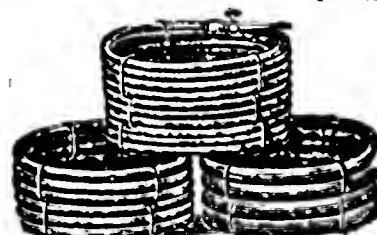
Hose Clamps. ¾- or ½-inch. 5c each.

Spray Hose

Our spray hose is made especially for spraying purposes.

¾-inch Spray Hose. Per ft., 10c; postpaid, 20c.

½-inch Spray Hose. Per ft., 14c; postpaid, 24c.



WE SELL THE BEST QUALITY SPRAY HOSE.

Russell-Heckle Spray Pumps



THE HUDSON ECONOMY is a high quality well made compressed air sprayer at a very moderate price. Tank holds four gallons. Handle and top are malleable. Pump is seamless brass tube. Discharge equipment includes hose, brass extension, automatic shut-off and brass nozzle.

No. 125 Economy. Weight 11 lbs. \$4.25; mailed, \$4.70.



THE HUDSON PERFECTION holds four gallons. It is a high pressure machine for all types of spraying jobs. Made in brass or galvanized tank. Has many special features. Brass pump screws into malleable top, permitting entire assembly to be removed at one operation. Long hose and brass extension rod. Automatic shut-off and brass nozzle.

No. 110G Perfection. Weight 12 lbs. \$6.00.
No. 110B Perfection (Brass). Weight 12 lbs. \$9.50.

Mailing, 45c each extra.



THE HUDSON JUNIOR is a high grade compressed air sprayer of 2½ gallon capacity. Made in brass or galvanized tank. All seams are riveted and heavily soldered. Top and cap are malleable. Equipped with high grade pressure hose, brass extension, automatic shut-off and brass nozzle.

No. 140G Junior. (Galvanized). Weight 9 lbs. \$4.25.

No. 140B Junior. (Brass). Wt. 9 lbs. \$6.50.
Mailing, 35c each extra.

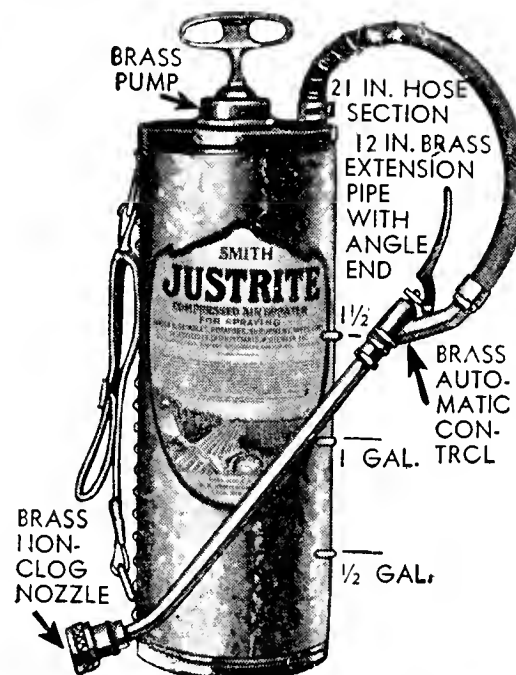


ACME COMPRESSED AIR SPRAYER. This new self-filling Compressed Air Sprayer is the latest improvement in sprayers of this kind. It has a built-in self filling top for quick clean and easy filling. No funnel required, no waste of materials, no dirty tank to carry around. It has a protected safety top locking device. The feed tube is removable for cleaning and the tank can be drained dry. Tank capacity four gallons, equipped with an all brass extension rod Acme Automatic shutoff nozzle. Made for all general purpose work in the field, garden or home.

Price No. 500 G Acme Galvanized 4 Gallon Tank Sprayer\$4.00

Price No. 500 B Acme Brass 4 gallon Tank Sprayer 6.50

Mailing, 45c each extra.



JUST-RITE COMPRESSED AIR SPRAYER. A nice, medium size outfit, useful for spraying the garden, flower beds, small trees, shrubbery and for spring disinfectants and whitewash in poultry houses.

The tank is double seamed, galvanized, well riveted to stand heavy pressure, supplied with 18-inch brass extension pipe and automatic non-clog nozzle.

2½ Gal. Capacity Just Rite Sprayer only\$3.75

By mail, \$4.10.

SEE PAGE 18 FOR INFORMATION ON SPRAYING TREES.

Knapsack Sprayers

Myers No. 330 Perfect Galvanized Knapsack Spray Pump—Fitted with 5 feet of 3-8-in. hose, stop cock, pipe extension and nozzle, \$12.50.

Myers No. 331 Perfect Copper Knapsack Spray Pump—Complete with hose, stop cock, pipe extension, and nozzle, \$18.00.



No. 147 Du-More

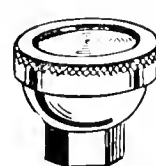


The Hudson Du-More is a continuous high pressure sprayer adapted for all truck and field crops, vineyards, bushes, fruit trees, ornamental shrubs, etc. Will handle all agricultural insecticides. Tank holds 4 gallons. Made of heavy galvanized steel, sturdily built. Equipped with wide shoulder straps, adjustable in length. Operates with remarkable ease because of long handle placed at right of user. Equipped with 3 feet of spray hose, 2-foot iron extension rod, shut-off and brass Fog Nozzle. Packed one in a carton. Shipping wt. 19 lbs.

Each\$11.50

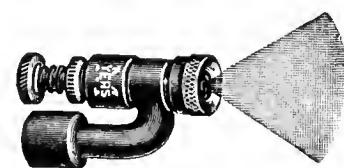


No. 168



No. 166

Hudson No. 168 Spray Nozzles....Each 75c
Hudson No. 166 Spray NozzlesEach 75c



Vermorel No. 1563 Spray Nozzle, Each 80c

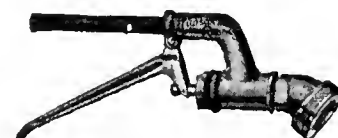


No. 149



No. 71

Hudson No. 71 Bordeaux Nozzle, Each\$1.00
Hudson No. 149 Brass Shutoff Cock, Each\$1.00

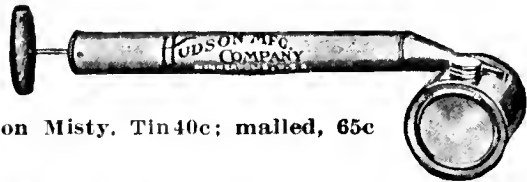


Hudson No. 176 Perfection Nozzle, Each\$1.50
Hudson No. P9X Perfection Nozzle, hose and extension. Each\$2.25

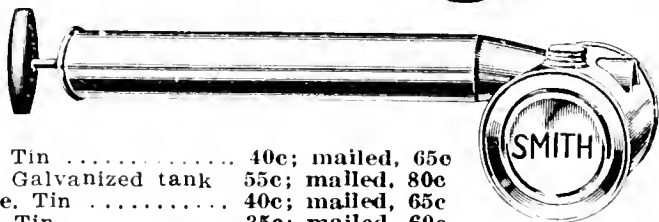
Hand Spray Pumps, Etc.

Quart Size Hand Sprayers

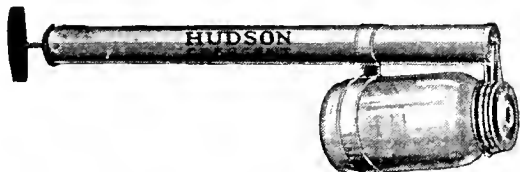
These are all useful for spraying small trees, roses, shrubs, poultry houses, spraying flies and other uses. We carry these in several makes.



No. 452 Hudson Misty. Tin 40c; mailed, 65c



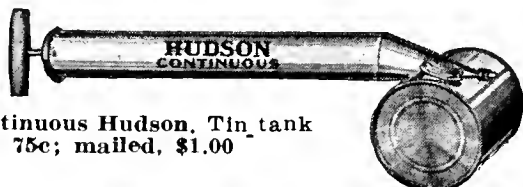
No. 3 Smith. Tin 40c; mailed, 65c
No. 3 Smith. Galvanized tank 55c; mailed, 80c
No. 326 Acme. Tin 40c; mailed, 65c
No. 2 Smith. Tin 35c; mailed, 60c



No. 430 Hudson. Crescent Glass Jar. 1 qt. 55c; mailed, 80c

One Quart Hand Continuous Sprayers

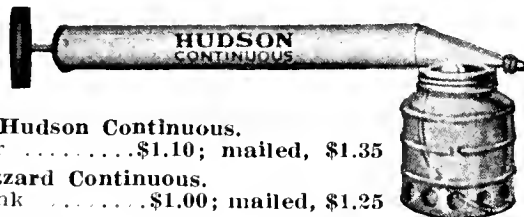
They spray with the coming and going of the plunger—easy to operate.



No. 432 Continuous Hudson. Tin tank 75c; mailed, \$1.00



No. 322 Acme Continuous. Tin tank 75c; mailed, \$1.00



No. 427-G Hudson Continuous. Glass jar \$1.10; mailed, \$1.35

No. 60 Blizzard Continuous. Galv. Tank \$1.00; mailed, \$1.25

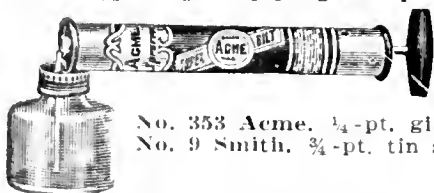
Two and Three Quart Continuous Hand Sprayers



No. 435NS Hudson Cardinal. 3-qt. galv. tank. \$1.50; mailed, \$1.80
No. 70 Smith Spray Master 2-qt. galv. tank. \$1.25; mailed, \$1.50
No. 33G Acme Dandy. 3-qt. galv. tank \$1.40; mailed, \$1.75

Half Pint and One Pint Hand Sprayers

No. 202 Midget. 1-pt. tin sprayer 25c; mailed, 40c
No. G-3 1/2 Midget. 1/2-pt. glass sprayer 20c; mailed, 30c



No. 353 Acme. 1/4-pt. glass sprayer .. 15c; mailed, 25c
No. 9 Smith. 3/4-pt. tin sprayer 25c; mailed, 40c

Hand Dry Powder Sprayers

These are excellent for applying any insecticide and ant powders



No. 660 Signal Duster 30c; mailed, 40c

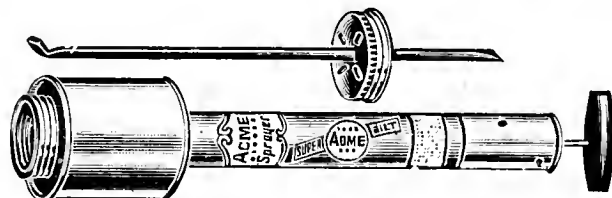
No. 663 Cadet Duster 50c; mailed, 65c



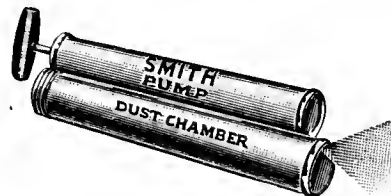
No. 665 Major Duster \$1.25; mailed, \$1.50



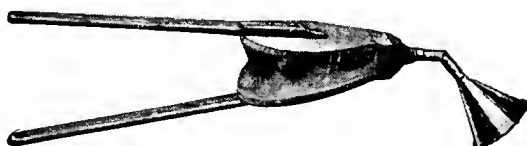
No. 362 Acme Duster 15c; mailed, 25c



No. 390 Acme Duster. 1 quart 80c; mailed, \$1.10



No. 65 Smith Barrel Duster 75c; mailed, 95c



No. 600 Bellows Duster \$1.50; mailed, \$1.75

Extension Rods

2-ft. Brass Rods \$0.60; mailed, \$0.70
4-ft. Brass Rods 1.00; mailed, 1.15
4-ft. Iron Rods65; mailed, .90
8-ft. Bamboo. With shut-off 4.00
No. 145 Angle Spray Rod. Made entirely of brass, 5 1/2 feet long, weighs only 4 1/4 pounds. Automatic shut-off. Throws spray 30 feet from the nozzle. Ask for circulars. Price, each, \$7.95, f.o.b. Memphis.

Spray Repairs

Leather Washers, Barrel Pumps 20c
Leather Washers, Bucket Pumps 10c
Leather Washers, Hand Sprayers 10c
Leather Washers for Comp. Air 10c
Rubber Gasket for Comp. Air 10c
Check Valves for Comp. Air Sprayers 10c
Whirl Discs, Brass Screens and Steel
Spray Caps for Spray Nozzles 10c
Hose Clamps, 3-8 and 1/2 inch 5c

Garden Hose

25-ft. section, 3/8-inch Garden Hose for \$2.10
50-ft. section, 3/8-inch Garden Hose for .. 3.75
50-ft. section, Multispray Garden Hose for 4.50

Free With Orders

UP TO APRIL 1ST OUR 1934 CALENDAR AND ALMANAC
It's worth having, gives weather predictions for next 12 months and other information that you will appreciate.
The Calendar is mailed free with any order.

Insecticides and Spray Materials

Poisonous insecticides and liquids are not mailable. Prices f. o. b. Memphis, and subject to fluctuations, buyer paying carriage charges, except where priced parcel post paid.

Our service in this department is free; do not fail to come to us for any information needed in spraying line. We keep up-to-date and have in stock the very newest and best materials for spraying at all times.

All Round Spray



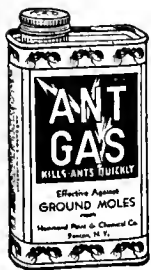
Contains three leading remedies, Arsenate of Lead, Nicotine Sulphate and Bordeaux. Here you have a mixture by adding water that kills insects and cures plant disease. ¼ lb. pkg. 25c. Not mailable.

Acme Aphis Spray

Absolutely one of the best methods of controlling aphis, plant lice on all plants, roses, trees and shrubs. 3 oz. tube 30c. Not mailable.

Acme Bait-M

To combat sow bugs, cut worms and grasshoppers, use Acme Bait-M, it never fails. 1 lb. can 40c. Not mailable.



Ant Gas

Applied to ant hills, kills ants, white ants and termites. Against sweet and fat eating ants, white ants and Termites. ½ pt. can 50c. Not mailable.

Antrol

Destroys ants the right way; gets them at their source. The ants smell the syrup and eat it, then transmit its mild poison to the queen, thus destroying the whole colony.

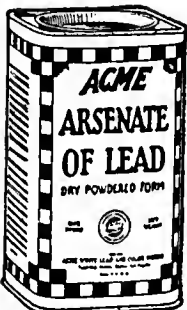


Prices: Antrol Sets

4 containers, ¼-oz. bottle syrup \$0.65
Antrol extra containers10
Antrol Syrup, 4 oz. bottle30
Antrol Syrup, pint bottle75

Ant Zix

Death to all ants and roaches. Money back if it fails. Price: tube with container 35c.



Arsenate of Lead

Kills every insect that eats it; can be used dry as powder or as a solution in water. ½-lb. carton, 20c; 1 lb. bag, 25c; 1 lb. carton 35c; 4 lb. bag, 75c. Not mailable.

Bee Brand Insect Powder

One of the most effective, non-poisonous, kills fleas, ants, roaches, water bugs, flies, etc.

Specially Priced

2 ¾-oz. cans 18c; mailed 24c
6-oz. cans 35c; mailed 45c
11-oz. cans 65c; mailed 75c

Bisulphide of Carbon

For keeping weevils and other insects out of grain and cow-peas. 1 lb., 45c; 5 lbs., \$2.00. Not mailable.

For Better Garden Perfect Flowers "Black Leaf 40" SPRAY

40% Nicotine.

A nicotine solution for destroying aphids, lice, etc., on both garden and flowering plants. Kills poultry mites. Oz.-bottle 35c; 5-oz. bottle \$1.00; 1 lb., \$2.25; 2 lbs., \$3.25; 5 lbs., \$5.85; 10 lbs., \$9.85. Not mailable.

Bordeaux with Arsenate of Lead

Controls at one spraying all fungous troubles and insects. Dry form, 4 lbs. \$1.20. Paste, 1 lb. 40c. Not mailable.

Bordeaux Mixture, Dry

The perfect spray for fungous diseases of fruit trees, shrubs, black spot on roses. Fungous troubles must be prevented by spraying at regular intervals. Prices: 1 lb. 30c; 4-lb. pkg. 75c. Cannot be mailed.



Bluestone

Commonly known as Copper Sulphate. We have both the crystal and powdered or snow form of same. Should be used for peach leaf curl and apple blotch. 3 lbs. to 50 gallons of water. Price, 1 lb. 15c; 4 lbs., 50c; 10 lbs., \$1.20. See Green Ink List for quantity prices. Not mailable.

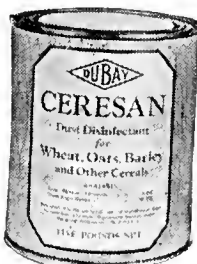
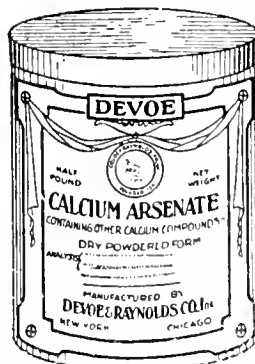


Bug Death

Very safe, being non-poisonous; effective on all garden insects. Price by freight: 1 lb. 25c; 5 lbs. \$1.00; 12½ lbs. \$2.00. Parcel post: 1 lb. 35c; 5 lbs. \$1.20; 12½ lbs. \$2.40.

Calcium Arsenate

Kills effectively, potato bugs, potato beetles, tomato worms, grasshoppers, army worm and cotton boll weevil. Can be used dry mixed with lime or as a spray mixed with water. 1 lb. 30c; 4 lbs. 60c. Not mailable. See Green Ink List for quantity prices.



Ceresan

Ceresan is effective in controlling smut of wheat, oats, barley, sorghums, millet and rye, seedling blight of cereals. Also increases yield of cotton by preventing seed from rotting in cold, wet soil, permits earlier planting, controls damping-off. 1-lb. tin 75c; 5-lb. tin \$3.00; 25-lb. pall \$12.50.

Corrosive Sublimate

Used for treating sweet potatoes before bedding to prevent black rot. One ounce will make 8 to 10 gallons of water. ¼ lb. 45c; ½ lb. 80c; 1 lb. \$1.35; 5 lbs. \$6.00; not mailable.

Copper Solution



For mildew, blight and rust on fruit, flowers and vegetables. Especially recommended for blight on pear trees, black spot on roses, etc. To be diluted 75 times with water and sprayed. Used with general benefit. 1 gal., \$2.60. Not mailable.

Cyanogas—A Dust

A simple way to get rid of pests. Use Cyanogas. Kills ants, rats, mice, moles, fleas, bedbugs, clothes moths, wax moths, pigeons, sparrows, chinch bugs on lawns, grape leaf hoppers, mealy bugs, melon aphids, etc. Cyanogas A Dust, 1 lb. 75c; 5 lb. can \$3.00. Cannot be mailed.

Derris Dust

The new insect destroyer kills all insects, even harlequin bug. Non-poisonous, won't burn plants. ¼-lb. box 35c; mailed 45c.

Dritomic Sulphur

It is easy to handle and ready to mix and can be used with arsenate of lead with a small amount of lime added. The use of Dritomic Sulphur will prevent all diseases, also insects and brown rot, and scab on peaches. 4-lb. pkg. 60c; by parcel post, 4-lb. pkg. 80c.

APPLE DRITOMIC. This is especially for summer spray on apples. Cures blotch and codling moth. 4-lb. pkg. 60c; by parcel post, 4-lb. pkg. 80c.

Dry Mix

A condensed spray for Peaches and Plums as soon as the blossoms have fallen. Contains also Arsenate of Lead, so you will not be confused in making this most important application.

Dry Mix prevents wormy peaches, also prevents fungous diseases, rot, etc. 1 lb. makes 6 gallons of spray material. 1 lb. 25c; 5 lbs. 75c; 12½ lbs. \$1.25. Cannot be mailed. Larger quantities priced on Green Ink List.

Ever Green

Kills them all; safe to use on tender plants and blossoms, cannot burn, non-poisonous.

Ever Green is non-poisonous, and at the same time controls insects such as aphids, cutworms, squash bugs, potato bugs, caterpillars, beetles, etc., quickly, safely and economically. 1-oz. bottles 35c; by mail 45c; 6-oz. bottles \$1.00; by mail \$1.15. 16 oz. bottles \$2.00; by mail \$2.20.



Ethylene Chlorhydrin

A new chemical applied to spring dug potatoes; make them sprout quickly. One quart makes enough to treat eight bushels of seed potatoes. Directions come on packages. ½ pt. 50c; pt. \$1.00; qt. \$2.00; gal., \$4.25. By mail, ½ pt. 70c; pt., \$1.25; qt., \$2.35; gal., \$4.95.

VELVET BUG DUST KILLS ALL INSECTS, 15-LB. BAG ONLY \$1.00.

LARGE QUANTITIES OF INSECTICIDES QUOTED ON OUR GREEN INK LIST.

Fish Oil Soap with Potash



Prevents and cures aphids, lice and other troubles on plants and trees. Mixed with other spray materials. Acts as a spreader. 1 lb. 35c; 5 lbs. \$1.20; by parcel post, 1 lb. 45c; 5 lbs. \$1.45.

Fluosilicate Dusting Powder

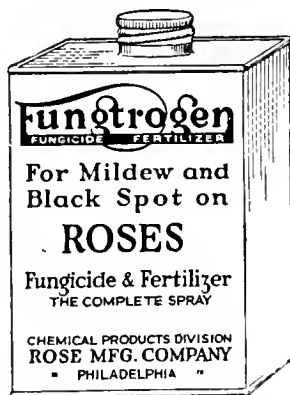
Controls cutworms, ants, roaches, chicken lice, moths, cucumber and potato beetles, and flea beetles, controls worms on cantaloupes. Use lightly to prevent burning. Sold in Bulk only. 5 lbs. 75c; 10 lbs. \$1.25; 25 lbs. \$2.50. Not mailable.

Formalin

Used for treating oats, wheat, etc., to prevent smut; also to prevent potato scab. One pound will make 30 gallons of solution. By freight only. 1-lb. bottle 40c. Not mailable.

Fungtrogen

A highly concentrated fungicide that conquers mildew, controls black spot on roses and is an effective plant stimulant as well. Quart \$1.50; by parcel post \$1.70. Gallon \$4.75; not mailable.



Grape and Rose Dust

Prevents and cures blight, also mildew, on all plants; cures Black spot on roses; not poisonous. By freight, 1 lb. 40c; 5 lbs. \$1.00. By parcel post, 1 lb. 50c; 5 lbs. \$1.20.

Grafting Wax

Used for grafting scions on trees. ¼ lb. 20c; ½ lb. 35c; 1 lb. 50c; by parcel post, ¼ lb. 30c; ½ lb. 45c; 1 lb. 60c.

Kayso

Prepared casein is a spreader and adhesive. It makes the poison stick and resistant to washing effect of rains. Two-pound package is sufficient for 50 gallons of spray. 2 lbs. 60c; 10 lbs. \$2.20. By parcel post, 2 lbs. 75c; 10-lb. bag \$2.45.



Lime, Hydrated

When using Arsenate of Lead, Dithionite Sulphur, etc., always add Hydrated Lime. This prevents burning of the leaves. Price 10-lb. bag 25c; 40-lb. bag 60c. Not mailable.

Lime-Sulphur—Dry or Powdered



For dormant spraying against San Jose scale, peach blight and peach-leaf curl; for summer spraying against such fungous diseases as apple scab, pear scab and again red spider. 1 lb.-pkg. 30c; 5-lb. pkg. \$1.25; 12½-lb. pkg. \$1.50; by parcel post, 1 lb. 40c; 5 lbs. \$1.45; 12½ lbs. \$1.80.

Lime-Sulphur Solution

A concentrated liquid form easily mixed. Simply add 9 gallons of water to 1 gallon of the solution. Mixes easier than the dry; will not clog the nozzle. Qt. 35c; ½ gal. 50c; gal. 65c; 5 gals. \$2.25. Not mailable.



Magnesium Arsenate



Controls the Mexican Bean Beetle effectively, and will not burn the foliage. MAGNESIUM ARSENATE DUST MIXTURE for mixing with lime. 1-lb. cans, each, 30c; 4-lb. pkgs., each, 75c.

MAGNESIUM ARSENATE for spraying; 2 lbs. to 100 gallons water. 2-lb. pkgs., each, 60c. Not mailable.

Mologen

Eliminates moles from your lawn in two or three days. A non-poisonous, odorless dry powder that will not injure the soil or grass but gets the moles. ½-lb. can 50c; 1½-lb. cans \$1.25; mailed 60c and \$1.35.

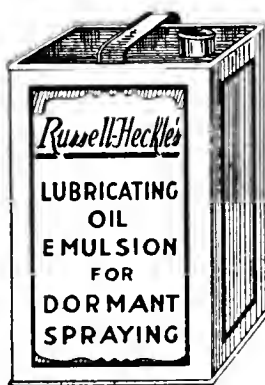
Mosquito Larvicide

Made especially for fish ponds, will not injure vegetation or the fish. Kills the mosquito larvae instantly. 1 qt. makes 16 quarts of spray material, 60c. 6-oz. bottle, 35c. Not mailable.

Oil Emulsion

For dormant spray to control scale, Oil Emulsion Spray has no equal; it creeps and covers every part of the tree; use it in February on a bright, warm day; avoid exposure to freezing.

Use 3 gallons to 100 gallons of water. Qt. 35c; ½ gal. 50c; 1 gal. can 65c; 5 gals. \$2.25; f.o.b. Memphis.



Para-dichlorobenzene



Peach tree borer control. Discovered at last a sure cure for peach tree borer. Time of application, October 1st to November 30th. It can also be used in the spring early in March.

Prices: 1-lb. box 43c; 5 lbs. \$1.40; 10 lbs. \$2.30. By parcel post, 1 lb. 55c; 5 lbs. \$1.65; 10 lbs. \$2.70.

Paris Green

Known for its effectiveness. It must be used with care; 1 teaspoonful to 1 gallon of water will be safe. Add 2 tablespoonfuls of lime to prevent burning. ¼ lb. 20c; 1 lb. 50c; 2 lbs. 90c; 5 lbs. \$1.90. Not mailable.



Pine Tar

A very useful preparation and should be kept on the premises at all times. For bruises on trees Pine Tar is very effective. 1-lb. can 25c. Not mailable.

Pomo-Green

For black spot on roses, Pomo-Green is the leaf green dust that protects your roses and other plants without making treatment conspicuous. 1-lb. can 50c; 5-lb. carton \$1.75. Not mailable.



Pomo-Green with Nicotine

Controls lice in addition to chewing insects and black spot and other fungous diseases. 1-lb. can 75c; 5-lb. can \$3.00. Not mailable.

Pyrox



For leaf-eating insects and plant diseases. Pyrox is a combined insecticide and fungicide that kills bugs, prevents blights and rots, and improves the foliage. A pound makes 4 to 5 gallons; 10 pounds will spray an acre of potatoes or tomatoes. Not prepaid, 1 lb. 50c; 5-lb. pkg. \$1.75; 10-lb. pkg. \$3.00.

Pyrox with Nicotine

A combination of Pyrox and Nicotine. Kills both sucking and chewing insects, besides controls fungous diseases. 10-oz. bottle 50c. Not mailable.

Nu Green

A grass disinfectant for brown patch prevention and control. 3-oz. tin 50c; 1-lb. tin \$1.75; 5-lb. tin \$8.00. Not mailable.

Triogen

The complete protection and spray treatment on roses, etc. Kills chewing insects, aphids, plant lice, thrips, leaf hoppers, beetles, rose chafers, white fly, lace wing fly, and in addition, controls diseases such as black spot, rust, mildew, blight, etc. It stimulates growth. Triogen is harmless to foliage and blooms.

Small Kit, makes 16 qts. \$1.50

Medium Kit, makes 64 qts. 4.00

Large Kit, makes 32 gallons 6.00

F. o. b. Memphis.

Tanglefoot

Means Results—Means Comfort.

	By Mail
Tanglefoot Fly Paper, 10c pkg.	\$0.15
Tanglefoot Fly Ribbon, 2 for 5c .....	.10
Tanglefoot Fly Spray, ½ pt., 50c .....	.60
Tanglefoot Fly Spray, 1 pt., 75c .....	.90
Tanglefoot for Trees, 6-oz. can, 25c .	.35
Tanglefoot for Trees, 1-lb. can, 60c ...	.70

TANGLEFOOT PLANT SPRAY

Kills all insects in the garden, also kills all fleas, ants. 25c bottle, by mail, 35c. Makes 6 gallons spray material. It's guaranteed.

Red Arrow Spray



A new discovery, kills without burning; non-poisonous; effective against lice on turnip greens; leaf-hoppers and worms that bother cantaloupe and cucumber. 1 oz. bottle makes 6 gallons, 35c; mailed, 40c. ½ pt. pkg. \$1.75; by mail \$2.00.

Red Star Insecticide

Absolutely sure death to all bugs, insects, ants, roaches and mosquitoes. A clear liquid, this will not stain and is fully guaranteed. 1-qt. can 75c; 1-gal. can \$1.85. Not mailable.

Scalecide, Pratt's



Especially recommended for spraying trees in the dormant state. For San Jose Scale it is even more effective and spreads better than lime-sulphur. For the dormant spray, use one part Scalecide to 15 parts of water. Not prepaid, qt. 60c; gallon \$1.40; 5 gallons \$4.90. Not mailable.

TREAT BEFORE PLANTING WITH

SEMESAN

FOR DISEASE PROTECTION

For Vegetable and Flower Seeds.—Diseases carried on the seed often reduce germination and cause a poor stand, lowered quality, and unsatisfactory yields. Destroy these disease organisms without injuring the seed by treating your seeds, bulbs, roots, corms and tubers with Semesan. Easily and quickly applied as a dust or liquid. Effective in controlling damping-off of seedlings and cuttings. Use Semesan to control seed-borne diseases and improve your vegetables and flowers.

Prices: Semesan for all small seeds—2 ozs. 50c; 1 lb. \$2.50; 5 lbs. 11.75.

Semesan Junior, for Corn: 4 ozs. 40c; 1 lb. \$1.50; 5 lbs. \$7.00.

Semesan Bel, for Potatoes and Bulbs: 4 ozs. 50c; 1 lb. \$1.75; 5 lbs. \$8.00. Not mailable.

Sulfocide

(Pratt's). A sure preparation for the second spraying on peach trees. Prevents wormy fruit; does not burn and easy to use. Directions on each can. Pint, 50c; qt., 85c; gal., \$2.25; 5-gal. can, \$7.50. Not mailable.



Sheps Plant Spray

Kills and controls plant lice, thrips, leaf-hoppers, harlequin bugs, red spiders, etc. If your muskmelon and cucumber crops are bothered with worms, use Sheps Plant Spray once a week. Kills lice on turnip greens, etc. 1½-oz. bottle 25c; by mail 40c. 8-oz. bottle 75c; by mail 85c. 1-pt. bottle \$1.25; by mail \$1.40.

Slug-Shot



(Hammond's). A non-poisonous powder insecticide; it requires no mixing or preparation, easily applied and not injurious to person applying it, or fruits and vegetables. Destroys potato bugs, Mexican bean beetles, green flies, slugs, worms, etc. Price, postpaid: 1 lb., 35c; 5 lbs., \$1.20. Not prepaid, 1 lb., 25c; 5 lbs., \$1.00.

Sulphur, Powdered

Will prevent and cure mildew; should be used on all roses in the spring; apply dry. Also used for making self-boiled Lime-Sulphur as well as dusting various field crops, such as strawberries, and cotton, and for the control of red spider, rust mite, etc. By freight, lb., 10c; 5 lbs., 40c; 10 lbs., 75c. By parcel post, lb., 20c; 5 lbs., 60c; 10 lbs., \$1.10.

Sulphur, Acme

This is a superfine grade of sulphur especially prepared so it will not lump, therefore making it a superior article for dusting roses for black spot and other fungous diseases. Packed in a most handy and convenient container. Price, 3-lb. can, 45c; by mail, 60c.

Sulphur, Wettable

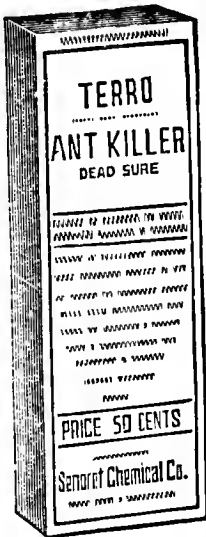
The high grade Sulphur that mixes with water quickly, controls diseased plants right now. On account of its superior qualities, is sold only in 25-lb. bags. \$2.25 each.

Sulpho-Tobacco Soap

Kills all the insects on plants; simple and effective. By freight, 3-oz. cake, 10c; 8 ozs., 20c. Parcel post, 3-oz. cake, 15c; 8 ozs., 30c.

Terro Ant Killer

Dead sure and quick relief from ants of all kinds. Simply pour the preparation where ants enter the house or where they travel and Terro will do the job thoroughly. Two sizes, 25c and 50c a bottle. Not mailable.



Thrip Juice

For bad infestation of aphids, lice, red spider, scale, caterpillar and mealy bug use Thrip Juice. It saves plants. Pint can, 50c.

Tobacco Dust

Especially desirable for use against lice and sucking insects. By freight, lb., 10c; 10 lbs., 60c. By parcel post, lb., 20c; 10 lbs., 90c.

Tobacco Stems

Use them around trees of any kind when planting. Fine for fumigating plants and nests for poultry. 10-lb. bag, \$1.00 per bale. About 70 lbs., \$3.50, f. o. b. Memphis.

Tree Tanglefoot

Use as a band on all kinds of trees; will prevent any kind of crawling insects on them. 6 ozs., 25c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50. By parcel post, 6 ozs., 35c; 1 lb., 70c; 5 lbs., \$2.75.

Tree Killer, Champion

For trees, shrubs and vines. Trees die quicker, stumps rot quicker than old method of deadening. Will kill Johnson grass, sprouts, grubs, etc., guaranteed to do the job. Gallon, \$1.25, f. o. b. Memphis.

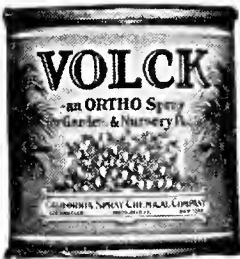
Tree Wound Paint

When pruning heavy branches of trees, paint them with this material. It's also good to heal bruises and keep out infection. ½-pt. can, 45c; mailed, 55c.

Velvet Bug Dust

This is a combination dust that kills insects which chew, and also prevents most diseases on plants. It will not burn the foliage. 15-lb. bag, \$1.00. Not mailable.

Volck



A powerful insecticide used as a spray to overcome mildew, red spider, aphids, white flies, mealy bugs, etc. Volck is easy and pleasant to handle; does not burn and has no odor. Ask for circulars. ½ pt., 35c; pt., 55c; qt., 80c; gal., \$2.50. By parcel post, ½ pt., 45c; pt., 70c; qt., \$1.00. Garden Volck with Nicotine, 3½-oz. tin, 35c; by mail, 45c.

Weed Killer, Atlas

Also known as Atlacide. Can be used on dry or wet—non-poisonous. Kills Johnson Grass as well as all other coarse objectionable grasses, weeds, etc. 3½-lb. cans, \$1.50; mailed, \$1.75.

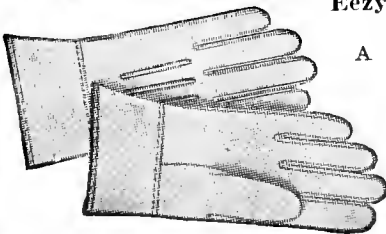
Weed Killer, Hammond's

Kills all obnoxious weeds, Coco, Johnson Grass and Poison Ivy, highly concentrated. Can be diluted with 40 parts of water, then apply with sprinkling can. Gallon cans, \$2.00 each. Not mailable.



New Gauntlet Style

Ezy Wear Napa Goat Gloves



A soft pliable goat-skin glove, especially adapted for working in flowers, bulbs, and gardens, or when spraying trees or plants. These come in several fancy colors.

One size only. Price, 75c a pair; by mail, 85c.

TRI-GEN

Combined Spray Treatment

Fungicide—Insecticide—Plant Stimulant

Complete Protection against Plant Insects and Diseases

In the past, Mildew and Black Spot have been most difficult to combat. However, these diseases are now easily controlled with the Tri-ogen Spray Treatment, which gives COMPLETE protection against all diseases and insect pests. It is easily applied and also acts as a plant stimulant—producing vigor in growth with resultant luxurious blooms, heretofore considered impossible. The Tri-ogen Spray Treatment applied weekly, from early season until late frost, makes it possible for the amateur to achieve the success, in many cases, comparable to the professional grower.

TRI-GEN was official adopted for the exclusive protection of the Garden of 6000 Roses, at the CENTURY OF PROGRESS, Chicago World's Fair.

PRICES

- A. Small Kit (makes 16 quarts) \$1.50
- B. Medium Kit (makes 64 quarts) 4.00
- C. Large Kit (makes 32 gallons) 6.00
- D. Estate Kit (makes 128 gallons) 20.00

R.-H. Co.'s Dog Foods

It pays to use our prepared Dog Foods as your dogs will keep in better condition and health. We are headquarters for the best Dog Foods and sell at factory prices as we are carlot buyers. Our stocks are always fresh and dependable, all manufactured on a scientific, balanced ration basis.

Miller's A-1 Dog Ration



Miller's A-1 Dog Ration is one of the best balanced dog feeds in the United States. It is fed to hunting dogs, police dogs, fox terriers, bulldogs and all other kinds—they all thrive on it. It is cooked and ready to use when received by dogs of all ages and breeds. Bulk, 3 lbs., 25c; by parcel post, 40c. 10 lbs., 60c; by parcel post, 85c.

Miller's A-1 Dog Biscuit

Miller's A-1 Dog Biscuits contain the necessary vital body and bone building elements in their proper proportions to sustain good health in your dogs. Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.20; by parcel post, \$1.50.



Miller's A-1 Kibbled Biscuit

Miller's A-1 Kibbled Dog Biscuit is the same as whole only in broken form, which makes it convenient for mixing with vegetables, meat, fish, soups, broths, etc. Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.20; by parcel post, \$1.50.

Miller's A-1 Puppy Meal

Miller's A-1 Puppy Meal is especially adapted for the tender digestive organs of puppies. Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.20; by parcel post, \$1.50.

Perfection Dog Feed

A superior preparation relished by puppies and dogs; it keeps them healthy and vigorous. 3 lbs., 25c; by parcel post, 40c. 10 lbs., 60c; by parcel post, 85c.

Leader Dog Biscuit

A popular and good biscuit, contains all the necessary ingredients to keep the dogs in good condition. Sold at most reasonable price. 5 lbs., 50c; 10 lbs., 90c. By mail, 5 lbs., 70c; 10 lbs., \$1.20.

Bal-O-Ration



PUTS PEP IN PUPS

Quality and economy are combined in this famous Leon F. Whitney balanced dog ration. It contains all the dietary requirements, rich in calories, contains vitamins A, B, C, D, and E, with required minerals. It is especially rich in calcium, phosphorus, iron and iodine. Dogs relish Bal-O-Ration and they eat it greedily right from the start. Ask for booklets. Price, 3 lbs., 30c; 10 lbs., 70c. By mail, 3 lbs., 45c; 10 lbs., 95c.

Champion Dog Foods

Champion Dog Food is a complete and balanced diet for all ages and breeds of dogs. It contains a large content of fresh meat, white flour, whole wheat, corn meal and oat meal, also pure cod liver oil to furnish vitamins and prevent rickets, and various mineral salts to strengthen the bones.



Champion Dog Biscuit

Bulk, 2 lbs., 25c; by parcel post, 35c; 10 lbs., \$1.20; by parcel post, \$1.50.

Champion Kibbled Dog Biscuit

(The broken small pieces). Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.20; by parcel post, \$1.50.

Champion Puppy Biscuit

Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.20; by parcel post, \$1.50.

Champion Puppy Meal

Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.20; by parcel post, \$1.50.

Riteway Condition Powder



A tonic and conditioner for dogs, puppies and cats. Should be fed before and after whelping. Produces rich milk and prevents rickets. 4-oz. pkg., 25c; postpaid, 35c. 5-lb. pkg., \$1.00; postpaid, \$1.20.

Brown's Supercedar Kennel Bedding

Here is an article that you will appreciate; a cedar bedding for all dogs, containing all the oil and original odor of the red cedar wood. Brown's Supercedar keeps down flies, is sanitary; keeps down that doggy smell. 5-lb. bag, 35c; 50-lb. bag, \$2.00. By mail, 5-lb. bag, 55c.



Miller's Dog Soap

Kills fleas and lice, is a deodorizer and beneficial to the coat. Large cake, 25c, postpaid.

Bennett's Milk Bone Dog Biscuit

A superior biscuit. Keeps dogs in good condition. Per box, 35c; by parcel post, 45c.

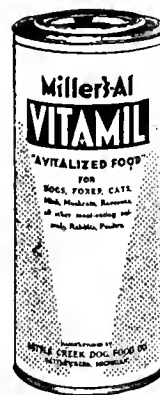
Bennett's Milk Bone Puppy Biscuit

Especially prepared for puppies. Per box, 35c; by parcel post, 45c.

Happy Dog Food

A granular feed that keeps dogs and puppies always in fine condition. 3 lbs., 25c; 8 lbs., 50c. By mail, 4 lbs., 40c; 8 lbs., 85c.

Vitamil



A composition of yeast, cod liver oil, calcium phosphate, etc. Vitamil aids digestion, prevents rickets. Especially good for growing puppies; stimulates the appetite, builds bone and muscle.

To insure good healthy litters, give Vitamil daily to both the male and female for several weeks before mating.

Postpaid, 4-oz. can, 55c; 1 lb., \$1.35. Not prepaid, 4 ozs., 50c; 1 lb., \$1.25.

Dicapho

Dicapho is rich in lime and phosphates. Builds up the bones, prevents rickets, aids digestion. One teaspoonful mixed with the dog food daily is sufficient. 1 lb., bulk, 20c; 5 lbs., 75c. By mail, 1 lb., 30; 5 lbs., 90c.

B. K.

Keep the kennels and premises free of fleas, lice, disease, etc., with B. K. 10-oz. bottle, 50c; 1 qt., 90c; 1 gal., \$2.00. By mail, 10-oz. bottle, 60c.

Bee Brand Insect Powder

Specially priced: 2 3/4-oz. cans, 18c; mailed, 24c. 6-oz. cans, 35c; mailed, 45c. 11-oz. can, 65c; mailed, 75c.

Bee Brand Shampoo

Acts as a shampoo and kills all insects at the same time. Bottle, 25c; by mail, 35c.

Russell-Heckle's Top Notch Dog and Cat Food

Fitted for human consumption. U. S. Inspected, and does not contain horse meat; scientifically blended, guaranteed to give satisfaction. 15 1/2-oz. can, 10c; 12 cans, \$1.10. By mail, can, 19c; 12 cans, \$1.45.

Top Notch Flea Powder

Guaranteed to kill every flea on dogs or puppies.

It is non-poisonous, therefore, can be also used for lice on poultry and canary birds. Guaranteed to do the work; if not, you can have your money back. 3-oz. can, 35c; mailed, 45c.



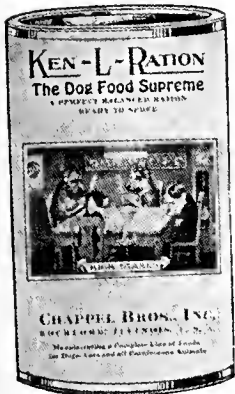
Miller's A-1 Quick Lunch



A clean meat product 60% beef designed to meet the needs of a quick lunch for dogs and puppies; rich in protein and organic matter. Can be used as a complete food, or with Miller's A-1 Ration. 1-lb. can, 15c; 12 cans, \$1.20. By parcel post, 1-lb. can, 23c; 12 cans, \$1.60.

Prices on case lots of Canned Meat for dogs quoted on our Green Ink List.

Ken-L-Ration



The Dog Food Supreme. These Foods are Literally Full of Vitamins. Composed of clean, wholesome meat, the best grade of cereals and Norwegian cod liver oil. A perfect balanced ration. 1-lb. can, 15c; 12 cans, \$1.50. By parcel post, 1-lb. can, 23c; 12 cans, \$1.90.

Hemo-Ration

Is a meat, blood, cereal and cod liver oil product. Ideal food for breeding stock, anemics and convalescents. 1-lb. can, 20c; 12 cans, \$1.75. By parcel post, 1-lb. can, 28c; 12 cans, \$2.15.

cents. 1-lb. can, 20c; 12 cans, \$1.75. By parcel post, 1-lb. can, 28c; 12 cans, \$2.15.

Pup-E-Ration

Is the perfect puppy food. Very rich in protein, calcium phosphate, cod liver oil and marrow fat. 1-lb. can, 20c; 12 cans, \$1.75. By parcel post, 1-lb. can, 28c; 12 cans, \$2.15.

Kit-E-Ration

The cat food supreme. A balanced ration, ready to serve. 1-lb. can, 20c; 12 cans, \$1.75. By parcel post, 1-lb. can, 28c; 12 cans, \$2.15.

Kit-Kat

Keeps cats from having worms, constipation, sore eyes, humors and all diseases peculiar to cats. 25c a box. Mailed, 35c.



REG. U. S. PAT. OFF.

"Tet" (Tetrachlorethylene) For Worms

Tetrachlorethylene is endorsed by the U. S. Department of Agriculture as the safest known effective wormer for Dogs and Puppies. Prevents and cures Running, Barking Fits and Sore Mouth.

Box for large size dogs, \$1.00. Per box for small size dogs, \$1.00. Per box medium capsules, \$1.00. Per box (assorted for all size), \$1.00.

Areco

Guaranteed to remove tapeworm, including the heads, where they are known to be present. 75c, postpaid.

Clayton's Dog Remedies

Canker Lotion, Creolin Wash, Eye Lotion, Diarrhoea Liquid, Laxative, Tapeworm Expeller, Digestive Tablets, Puppy Tonic, Sulphur Tablets, Hair Tonic, Cough Remedy, Rheumatic Tablets. Price any above, package, 25c; by mail 35c.

Duplex Stripping Comb

Strips and trims any dog, gives a smooth even finish Complete with six blades, \$1.50 postpaid. Shipping guide chart tells you how to dress the coat. 50c postpaid.

Delcreo Dog Remedies



The Delcreo Dog Remedies are accepted and endorsed by the leaders of the kennel world.

Delcreo—for Distemper and Black Tongue. 4-oz. bottle, \$1.50; by parcel post, \$1.60. 16-oz. bottle, \$5.00; by parcel post, \$5.25.

Cod Liver Oil—4 ozs., 30c; postpaid,

40c. Qt., \$1.00; postpaid, \$1.15.

Delcreo Tonic—2-oz. bottle, 75c; postpaid, 85c.

Delcreo Laxative—4 ozs., 35c; postpaid, 45c.

Delcreo Sulfinol—4 ozs., 50c; postpaid, 60c.

Delcreo Worm Capsules—for puppies and large dogs. Box, 65c.

Delcreo Sulphur Compound—4 ozs., \$1.00; postpaid, \$1.10.

Q. W. Dog Remedies



These well-known dog medicines are preferred by many kennel owners because they give results:

	Each	Post-paid
Q. W. Breeding Tablets	\$2.00	\$2.50
Q. W. Condition Powder	1.00	1.05
Q. W. Constipation Pills	1.00	1.05
Q. W. Cough Mixture	1.00	1.05
Q. W. Diarrhoea Remedy	1.25	1.30
Q. W. Diserol, for Distemper	2.00	2.10
Q. W. Dog Soap	.35	.40
Q. W. Ear Canker Lotion	1.25	1.30
Q. W. Eye Salve	1.00	1.05
Q. W. Fit Tablets	1.25	1.30
Q. W. Flea Oil, Coat Grower	1.00	1.05
Q. W. Flea Powder	1.00	1.05
Q. W. Healing Salve	1.00	1.05
Q. W. Liniment	1.25	1.30
Q. W. Sulphur Compound	1.00	1.05
Q. W. Mange Lotion	1.00	1.05
Q. W. Cod Liver Oil Comp.	1.25	1.30
Q. W. Rheumatism Tablets	1.00	1.05
Q. W. Tapeworm Mixture	1.00	1.05
Q. W. Tonic & Blood Builder	1.00	1.05
Q. W. Verminol	1.25	1.30
Q. W. Worm Capsules	.65	.70
Q. W. Worm Mixture	1.00	1.05
Q. W. Insect Powder, Fleas	.50	.55

Pulvex



Kills fleas, safe and effective. 3/4-oz. can, 25c; by mail, 30c; 2-oz. cans 50c; by mail, 60c; 12-oz. can, \$1.25; by mail, \$1.35.



Sopex

Destroys lice and fleas and cleanses the animal. 4-oz. can, 75c; by mail, 85c.

Kur-Mange

Fine for the dog's coat. Cures skin diseases. 3-oz. can, 75c; by mail, 85c.



Benbow's Dog Mixture

	Each	Post-paid
40 capsules, 1/4 teaspoonful	\$0.40	\$0.50
24 capsules, 1/2 teaspoonful	.50	.65
15 capsules, 1 teaspoonful	.50	.65
4-ounce bottle	2.00	2.15
26-ounce bottle	3.00	3.25

Sergeant's DOG MEDICINES

"A MEDICINE FOR EVERY DOG AILMENT"

	Each	Post-paid
Sergeant's Arsenic and Iron Pills	\$0.60	\$0.65
Sergeant's Canker Wash	.60	.65
Sergeant's Carbolic Tar Soap	.25	.30
Sergeant's Condition Pills	.60	.65
Sergeant's Disinfectant, 4 ozs.	.25	.35
Sergeant's Disinfectant, 12 ozs.	.50	.65
Sergeant's Diuretic Pills—Rheumatism	.60	.65
Sergeant's Expectorant Medicine—Coughs	.60	.65
Sergeant's Eye Wash	.60	.65
Sergeant's Intestinal Astrigent—Diarrhea	.60	.65
Sergeant's Laxative Capsules	.60	.65
Sergeant's Liniment	.60	.65
Sergeant's Mange Medicine	.65	.75
Sergeant's Mouth Wash	.60	.65
Sergeant's Nerve Sedative—Running Fits	1.20	1.30
Sergeant's Pepsin Tablets	.60	.65
Sergeant's Puppy Worm Capsules	.60	.65
Sergeant's Shampoo Soap	.25	.30
Sergeant's Skip Flea Powder	.25	.35
Sergeant's Skip Flea Soap	.25	.30
Sergeant's Special Distemper	1.20	1.30
Sergeant's Worm Capsules	.60	.65
Sergeant's Worm Liquid	.60	.65
Sergeant's Tape Worm Medicine	.60	.65
Sergeant's Cod Liver Oil Capsules	.60	.65

Glover's Dog Remedies



	Each	Post-paid
Glover's Antiseptic Mouth Wash	\$0.65	\$0.75
Glover's Blood Purifier	.65	.75
Glover's Canker Wash (for ears)	.65	.75
Glover's Comp. Sulphur Tablets	.65	.70
Glover's Condition Pills	.65	.70
Glover's Diarrhea Medicine	.65	.75
Glover's Digestive Pills	.65	.70
Glover's Expectorant Mixture	.65	.75

	Each	Post-paid
Glover's Eye Lotion & Eye Wash Powder	.65	.75
Glover's Iron Tonic	.65	.75
Glover's Flea and Insect Powder	.50	.60
Glover's Kennel and Flea Soap	.25	.30
Glover's Laxative Pills	.65	.75
Glover's Liniment	.65	.75
Glover's Mange Medicine	.75	.85
Glover's Medicated Soap	.30	.35
Glover's Nerve Sedative (for fits)	.65	.75
Glover's Round Worm Capsules	.65	.70
Glover's Round Worm Vermifuge	.65	.70
Glover's Sore Foot Medicine	.65	.75
Glover's Tape Worm Capsules	.65	.75
Glover's Tetrachlorethylene Capsules	.65	.70

Miscellaneous Remedies

	Postpaid
Interno Mange Remedy, Puppy	\$1.00
Sovrem Black Tongue Remedy	1.00
Spratt's Chalk Blocks	.35
By mail, 45c.	

Rhito Wormer

For expelling round and pin worms in dogs and puppies. It is pure, a vegetable preparation, therefore, safe and effective. 25c a box, postpaid.

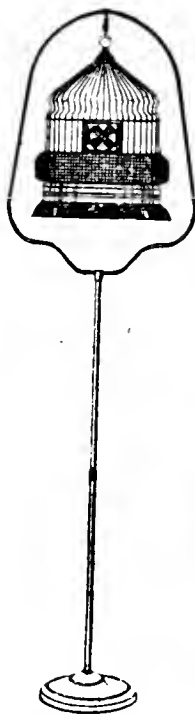
Rhito Laxative Pills

Should be given after all worm treatment in dogs and puppies. It makes the worm medicine more effective as it drives the worms out of the system. Per box, 25c, postpaid.

R.-H. Co.'s Bird Supplies

Colored Bird Cages and Stands

These new design cages are well made, strong and roomy. All cages have draw bottom, making them easy to clean. All have seed guards, which is very important. We have both cage and stand to match in 4 color combinations, Red and Black, Green and Black, Black and Tan; Black and Gold. Price, cages only, each, \$1.25; by mail, \$1.60. Price, cage stands only, each, \$1.25; by mail, \$1.60. Both for \$2.25; by mail, \$2.85.



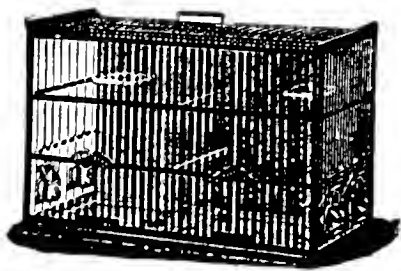
Metal Breeding Cages

Complete with solid and wire partitions, metal drawer and solid back, 4 glass cups, 6 perches and 2 nests.

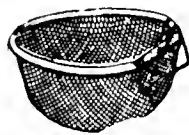
No. 86S—17½x8¾x14. Each, \$3.00; by parcel post, \$3.40.

No. 86—19½x10½x14¾. Each, \$3.50; by parcel post, \$3.95.

No. 87—22x11x16¾. Each, \$4.50; by parcel post, \$5.00.



Bird Cage Cups, Baths, and Nests



	Each	By mail
Opal Covered Feed Cups	\$0.15	\$0.20
Flint Glass Covered Feed Cups ..	.10	.15
Opal Open Water Cups .....	.10	.15
Glass Breeding Cage Cups .....	.20	.30
Metal Parrot Cage Cups .....	.25	.35
Duco Colored Bld Cage Cups ..	.20	.25
Opal Medicine Cups .....	.05	.10
Crystal Fountains .....	.20	.30
Colored Bird Cage Tassels .....	.15	.20
Opal Bird Baths .....	.15	.25
Wire Bird Nests .....	.10	.15
Nesting Hair. Pkg. ....	.10	.12
Novelty Bells, For cages .....	.10	.15

Bird Cage Springs and Brackets

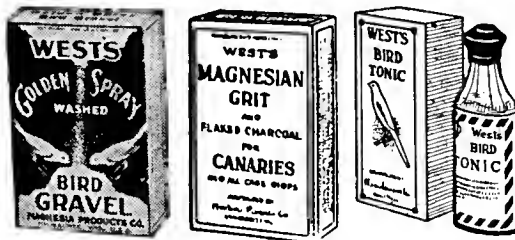
	Each	Post-paid
Brass Cage Springs, Heavy	\$0.15	\$0.20
Brass Cage Springs, Light .....	.10	.15
Bird Cage Springs, Colored .....	.10	.15
Brass Cage Spring Chain, 2 ft. ....	.15	.20
C. H. Bird Cage Bracket .....	.15	.20
Perches, All sizes .....	.05	.08
Knobs, For top .....	.15	.20

Eight-In-One Health Song and Vigor Restorer

A quick relief for colds and loss of song and moulting out of season in canaries. It dispels all impurities from the blood; builds them up. It contains 8 separate materials and is the result of 40 years of study of all ailments of canaries. It is highly recommended. 3-oz. bottle, 25c; by mail, 35c.



West's Bird Food and Remedies

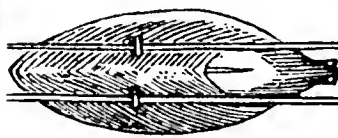


	Per pkg.	Post-paid
West's Magnesia Grit	\$0.10	\$0.20
West's Rape & Canary Mixture .....	.20	.30
West's Moulting Food, Glass .....	.25	.35
West's Asthma Relief .....	.25	.30
West's Bird Charcoal .....	.10	.15
West's Egg Bread .....	.20	.30
West's Imported Bird Seed with Honey Bun Grit, Cuttle Bone ..	.25	.35
West's White Golden Spray Gravel .....	.15	.25
West's Song Restorer, Glass ..	.25	.35
West's Vitamin Song Food ..	.25	.35
West's Lice Powder, Sifter Top ..	.10	.15
West's Bird Tonic and Bitters ..	.25	.35
West's Color and Pepper Food, Glass .....	.25	.35
West's Special Mating Food ..	.25	.35
West's Parquet Seed .....	.25	.35
West's Cod Liver Oil Nestling Food .....	.25	.35
West's Parrot Food .....	.25	.35
West's Kelp Song Food .....	.25	.35

Haller's Bird Remedies



	Each	Post-paid
Dutch Song Restorer	\$0.25	\$0.30
Cage Wash .....	.20	.30



Cuttle Fish Bones

Phil. Bird Cuttle Bone—With holder. Large, each 10c; postpaid, 12c. Small, each 5c; postpaid 7c.

Fresh, clean, medium size, whole bone, loose, 3 for 5c; lb, 40c; By mail, 3 for 10c; lb, 50c.

Wire Cuttle Bone Holders—10c.

Miller's Bird Supplies

Guaranteed to give satisfaction or money refunded.

	Each	Post-paid
Miller's Vitalizing Song Restorer	\$0.25	\$0.35
Miller's Honey Bell .....	.10	.12
Miller's Mix Canary Seed 10 oz. ....	.15	.23
Miller's Silver Bird Gravel (With Charcoal) .....	.10	.18
Miller's Cuttle Bone on Holder .....	.05	.07

Philadelphia Bird Seed and Remedies



	Each	Post-paid
Phil. Mixed Canary Seed, pt. box	\$0.20	\$0.38
Phil. Red Bird Gravel, pt. box ..	.15	.35
Phil. Silver Bird Gravel, pt. box ..	.15	.25
Phil. Drahotas Song Restorer, box .....	.20	.25
Phil. Bird Bitters, bottle .....	.25	.30
Phil. Bird Nestling Food .....	.25	.30
Phil. Moulting Pepper, box .....	.25	.30
Phil. Orange Color Food, box ..	.25	.30
Phil. Bird Mexican Salve .....	.25	.30
Phil. Bird Manna .....	.15	.18



Spratt's Bird Food



	Each	Post-paid
Spratt's Egg Flake Canary Mixture	\$0.25	\$0.35
Spratt's Parrot Food .....	.25	.35
Spratt's Sing Song Tablets ..	.10	.15
Spratt's Cod Liver Oil Nestling Food .....	.15	.20
Spratt's Song Restorer .....	.25	.30
Spratt's Lovebird Mixture .....	.25	.35

Bird Seed and Remedies

	Per lb.	Post-paid
R.-H. Co.'s Mixed Canary	\$0.15	\$0.25
R.-H. Co.'s Bird Hemp .....	.10	.20
R.-H. Co.'s Bird Rape .....	.15	.25
R.-H. Co.'s Bird Millet .....	.10	.20
R.-H. Co.'s Plain Canary .....	.15	.25
R.-H. Co.'s Sunflower Seed ..	.15	.25
French Bird Seed, 10-oz. pkg. ..	.15	.25
Gunning's Bird Tonic .....	.25	.35

Gold Fish Food



	Each	Post-paid
Spratt's Aquarium Fish Food ..	\$0.10	\$0.15
Wafer Fish Food .....	.10	.15
Natural Fish Food .....	.10	.15

Tropical Fish Food

Made especially for tropical and baby fish. Keeps them in good health. ½ oz. size, 15c; by mail, 20c.

Magic Bird Food

The Bird Remedies That are Really Magic in Their Results.

	Each	By Mail
Magic Bird Bitters	\$0.15	\$0.20
Magic Egg and Nestling Food ..	.15	.20
Magic Moulting Food .....	.15	.20
Magic Pepper and Color Food ..	.15	.20
Magic Song Restorer .....	.20	.25
Magic White Bird Gravel .....	.15	.25
Magic Lice Powder .....	.20	.25

R.-H. Co.'s Poultry and Chick Feed

Prices on All Poultry Feeds on This Page Quoted on Green Ink List.

Ful-O-Pep Poultry Feeds

To secure accurate results chicks must be fed with the right material for body growth, bone development and condition of plumage. Nothing is left undone to make Ful-O-Pep Feeds give these results.

All Ful-O-Pep Poultry Feeds are now made with Cod Liver Meal, and in addition have Dried Buttermilk.

Ful-O-Pep Chick Starter



Ful-O-Pep Chick Starter is just the feed chicks need during the first six weeks after hatching. It contains oatmeal, other grain products, cod liver meal, molasses and minerals. It reduces the mortality in the flock, makes strong bones, firm flesh and healthy hardy birds.

Ful-O-Pep Fine Chick Feed

High quality milling grains have been carefully cracked to the right size for baby chicks.

For best results it should be fed with Ful-O-Pep Chick Starter until the chicks are six weeks old.



Ful-O-Pep Growing Mash



Should be fed from the sixth week until the sixth month.

Oatmeal in the mash insures an unusual quantity of fine flavored breast meat. Continue feeding the growing mash through the summer months.

Ful-O-Pep Egg Mash

This mash keeps hens healthy, active—just the things hens need to make quantities of eggs.

It contains sardine oil, grain products, oatmeal, molasses in dry form, necessary minerals, protein and carbohydrates, just the right properties the hens need to make eggs in quantities.



Ful-O-Pep Scratch Grains

Ful-O-Pep Scratch Grains contain an assortment of small and cracked grains.

Ful-O-Pep Coarse Chick Feed

Ful-O-Pep Coarse Chick Feed is suitable for feeding after the chicks are six weeks old.

Ful-O-Pep Fattening Feed

This feed has been built to fill the needs for fattening fowls for the market.

Try Shelko

The new fuel for brooder stoves. It is ashless, smokeless, dirtless.

Chamberlain's Perfect Chick Starting Grain

Strictly a grain chick feed for starting and developing baby chicks. Does not contain any corn whatever, therefore avoids indigestion and bowel trouble.

Happy Pigeon Feed

Happy No. 1 contains Whole Corn. Happy No. 2 Pigeon Feed contains no corn or vetch.

Sunrise Rabbit Mash

One of the best and most satisfactory mash feeds for rabbits.

Canada Field Peas

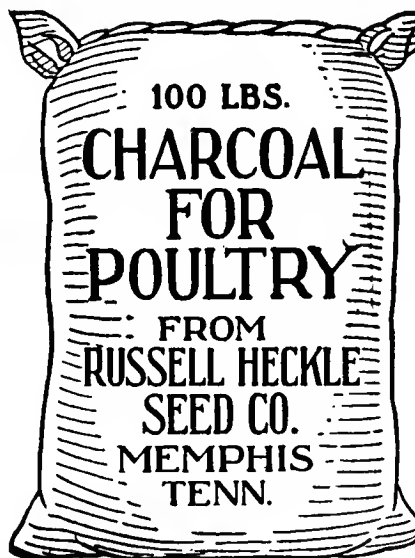
Fine for mixing with pigeon feeds. Prices on Green Ink List.

Schumacher Calf Meal

A perfect milk substitute, prevents scours and keeps calves in condition.

For Poultry

For Quantity Prices See Green Ink Pages.

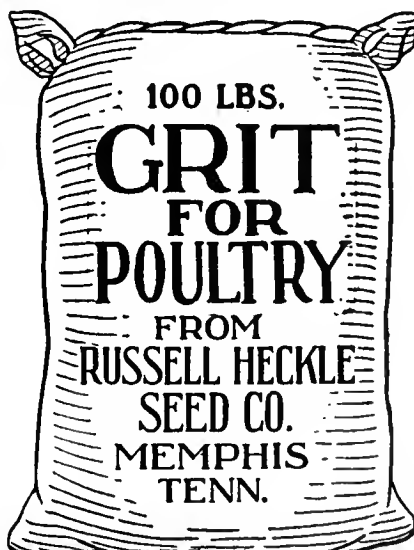


CHARCOAL—Fine for chicks, medium for pigeons, coarse for hens. 4 lbs. 25c; by mail 4 lbs. 40c.

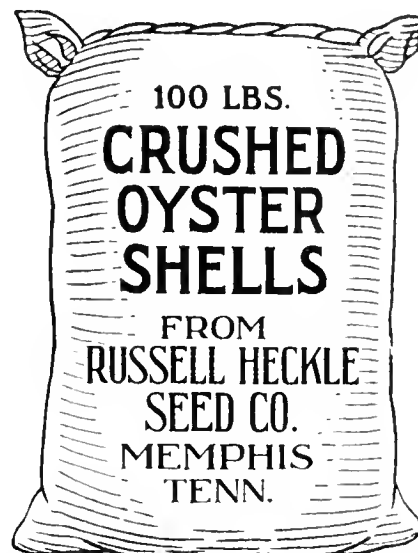
DRIED BUTTERMILK—Keeps poultry in good condition. Controls coccidiosis in chicks. 5 lbs. 40c; mailed 55c.

DIGESTER TANKAGE—Excellent for hog feeding. 6 lbs. 25c; mailed 40c.

BONE MEAL—Especially made for feeding poultry. Fine and medium ground. 4 lbs. 25c; by mail 40c.



GRIT—Stonemo brand, fine for chicks, coarse for hens. 10 lbs. 25c; by mail, within 2nd zone, 45c.



OYSTER SHELL—Fine for chicks and pigeons, coarse for hens. 10 lbs. 25c; by mail within 2nd zone 45c.

MEAT SCRAPS—A necessity when feeding poultry. 6 lbs. 25c; mailed 40c.

PIN HEAD OAT MEAL—For baby chicks. 5 lbs. 25c; mailed 40c.

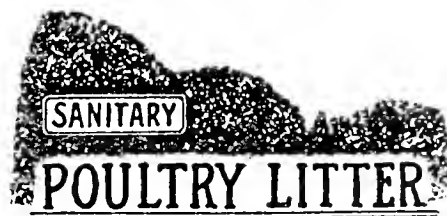
RED CROSS GRIT—Keeps pigeons in good health. 6 lbs. 25c; mailed 45c.

ROLLED OAT MEAL—For chicks and rabbits. 5 lbs. 25c; mailed 40c.

SUNFLOWER SEED—4 lbs. 25c; mailed 40c.

WHEAT FEEDING—10 lbs. 25c; mailed 50c.

Poultry Litter



A perfect scratching material for baby chicks. A deodorizer, absorbent disinfectant and labor-saving litter.

Trial bales containing 2 bushels, compressed, \$1.25; postpaid \$1.60. Large bales containing 20 bushels, compressed, \$4.25; f.o.b. Memphis.

Shelko

The new economical fuel—ashless, sootless, smokeless, dirtless. Shelko is superior for brooder stoves. It is easy to ignite, requires but very little kindling, holds the fire over 20 hours with same even heat, since this new fuel burns evenly until it is all consumed.

Two tons of Shelko is equal to three tons of any other fuels, therefore is lower in price than Anthracite or hard coal. 40-lb. bag, 60c; ton price on application.



Top Notch Baby Chicks

Are guaranteed 100 per cent live delivery. Avoid disappointment. Place your orders early for day-old chicks. We will book for shipment when you want them.

R.-H. Co.'s Poultry Remedies

AVICOL

For Chick Diarrhea

Avicol should be in the very first water the little chicks drink. And it will pay you to keep it in the drinking water for all the flock, old and young. 32-tablet size 50c; 80-tablet size \$1.00; parcel post paid.

Avian Bacterin

Protects your flock against roup, colds, sorehead, chicken pox, etc.

This wonderful preparation is administered by means of a hypodermic syringe. Complete directions with every package. 60-dose bottle, \$1.00; 250-dose \$3.00; Syringe and needle \$1.50; postpaid.



Simply paint the perches, it works while chickens sleep.

1-oz. bottle 35c; 5-oz. bottle \$1.00; 1-lb. bottle \$2.25; 2-lb. bottle \$3.25; 5-lb. tin \$5.85; 10-lb. tin \$9.85; not mailable.

Black Leaf Worm Powder

A Flock Treatment.

For Round and Pin worms in poultry. ¼-lb. can, 100 bird size, \$1.00; 1½-lb. can, 600 bird size, \$4.00, postpaid. Black Leaf Worm Pellets, the individual worm treatment, 100 bird size \$1.00; 500 bird size, \$4.00, postpaid.

Bee Dee Poultry Powder

A poultry and stock medicine, cures and prevents ailments to which fowls and animals are subject. 25c size, mailed 30c.

Chickoline

A sure cure for Sorehead or Chicken Pox in poultry.

Chickoline is also a fine remedy for colds, roup, diphtheria and canker in poultry; also for head lice on baby chicks.

Per bottle, with brush, 60c; parcel post, 70c.

Cholerine

An Iron Tonic for Poultry

Cholerine is a highly recommended preparation without an equal for building up the health and vitality of poultry.

Highly effective in the treatment of Diarrhea and Cholera in chicks.

8-oz. bottle\$0.35
16-oz. bottle65
1-qt. bottle 1.00

Postpaid:

8-oz. bottle45
16-oz. bottle75

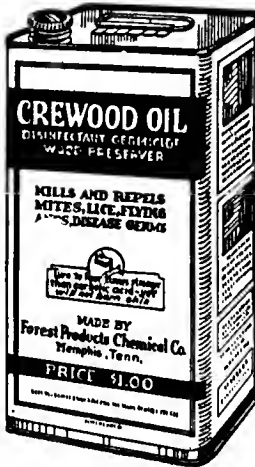
Korum

A most satisfactory preparation for bowel trouble in chicks, hens and turkeys. 8-oz. bottle, 65c; by mail, 80c. 16-oz. bottle, \$1.00; by mail, \$1.20.

Conkey's Poultry Remedies

	Each	Post-paid
Conkey's Roup Pills, Small box	\$0.25	\$0.30
Conkey's Roup Pills, Medium box .....	.50	.60
Conkey's Roup Pills, Large box	1.00	1.10
Conkey's Old Reliable Roup Powder, Medium box .....	.50	.60
Conkey's Old Reliable Roup Powder, Large box	1.00	1.10
Conkey's Diatex Diarrhoea Remedy, Large box	1.00	1.10
Conkey's Noxide, Quart can .....	.75	

Crewood Oil



Paint or spray the poultry house with Crewood Oil. Insects mites or lice cannot survive where it is.

It is a special distilled wood creosote that soaks into the wood and kills the germs and mites instantly.

1-gal. can ..\$0.90
2½-gal. drum 1.50
5-gal. drum ..2.50
10-gal. drum ..4.50

Don Sung

Makes Hens Lay

We guarantee you more eggs or no pay. It is a balanced mineral conditioner. It improves the hen's health, tones up her egg laying organs and makes her stronger and more productive.

Trial size, 45 tablets, 50c; large size, 135 tablets, \$1.00; postpaid.



Germozone



Germozone twice a week in the drink destroys disease germs taken in with the food or water—Corrects and prevents diarrhoeas and bowel troubles.

Also cures Roup, Colds, Canker, Swelled Head and such disorders.

	Each	Post-paid
Lee's Germozone Liquid—		
4-oz. bottle	\$0.40	\$0.50
12-oz. bottle .....	.75	.90
32-oz. bottle (not mailable) ..	1.50	
Lee's Germozone Tablets ....	.25	.30

Group Over

The Over-Night Roup Remedy

This famous remedy gives prompt and positive results. 50c; \$1.00. Parcel post, 60c and \$1.10.

K. O. M. Worm Cure

A sure cure for intestinal worms in poultry. Bottle, enough to treat 1000 hens, \$1.00; parcel post, \$1.15.

Dr. Salsbury's Poultry Remedies

Avi-Tabs Flock Worm Treatment. 60c and \$1.00 sizes.

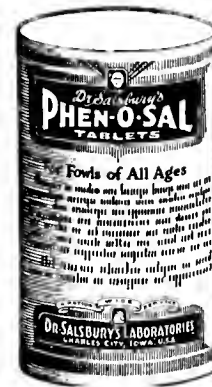
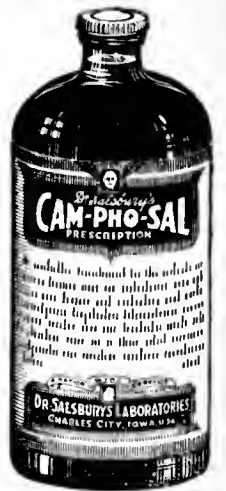
Cam-Pho-Sal for Roup and Colds. \$1.00 and \$1.50 sizes.

Phen-O-Sal for Bowel Trouble. 50c and \$1.00 sizes.

Rakos for Coccidiosis. Pint, \$1.25.

Kamala Tapeworm Capsules. Adult size. 100 for \$1.35.

Kamala Nicotine Caps. Round and tapeworm, adult size. 100 for \$1.35.



Kamala Nicotine Caps. Chick size. 100 for 90c. Nicotine Roundworm Capsules. Adult size. 100 for 90c.

Salsbury's Fowl Pox Vaccine. 100 dose, \$1.00.

Salsbury's Roup Bacteria. 60 C. C., \$1.50.

Salsbury's Rabbit Tablets, Bowel, 50c and \$1.00 sizes.

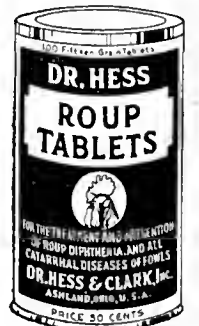
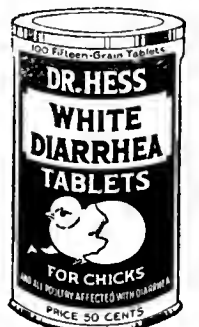
Postage on all above, 10c per pkg. extra.

DR. HESS REMEDIES

Dr. Hess Poultry Ver-Mi-Trol

For Worms in Poultry.

1½-lb. pkg., 45c; by parcel post, 60c. 4-lb. pkg., \$1.00; by parcel post, \$1.20. 10-lb. pkg., \$2.25; parcel post, \$2.50.



	Each	Post-paid
Dr. Hess Chick Tablets, Diarrhoea. Small pkg.	\$0.25	\$0.30
Medium pkg. ....	.50	.55
Large pkg.	1.00	1.10
Dr. Hess Louse Killer. 1-lb. pkg. ....	.25	.35
Dr. Hess Roup Tablets. Medium pkg. ....	.50	.60
Small pkg. ....	.25	.30
Dr. Hess Dip and Disinfectant. 12-oz. bottle, not mailable ...	.40	
1-qt. can, not mailable .....	.60	
Dr. Hess Pan-A-Min. 1½ lb. pkg. ....	.25	.35
Dr. Hess Pan-A-Min. 3-lb. pkg. ....	.45	.60
Dr. Hess Pan-A-Min. 7-lb. pkg. ....	.85	1.10
Dr. Hess Pan-A-Min. 15-lb. pkg.	1.75	2.20
Dr. Hess Pan-A-Min. 25-lb. pkg.	2.50	2.95
Dr. Hess Med. Healing Pow. 4-oz. pkg. ....	.25	.35

LeGear's Poultry Remedies

	Each	Post-paid
Nicotine Round Worm Pills, box	\$0.50	\$0.60
Poultry Prescription, 3 1/2-lb. pkg. ....	.40	.55
8-lb. pkg. ....	.80	1.00

The GIZZARD CAPSULE

REG. U.S. PAT. OFF.

A Wonderful New Invention for WORMS in POULTRY

Lee's Gizzard Capsules

Eliminates both pinworms and tape-worms.

Poultry size:

50 capsules, \$1.00; 100 capsules, \$1.75.
250 capsules, \$4.00; 500 capsules, \$7.00.
1000 capsules, \$12.00.

Chick size:

50 capsules, 50c; 100 capsules, 90c.
250 capsules, \$2.00.

Pullet size:

50 capsules, 75c; 100 capsules, \$1.35.
250 capsules, \$3.00.

All postpaid.

Licene

For Killing Body Lice on Chickens.
Per tube, enough for 100 hens, 50c; by parcel post, 60c.

P. H. Powders

Put in the fowls' food. It holds down worms, thus avoiding any special dosing. Safe and sure. 1 1/2-lb. size, \$1.75; 7-lb. size, \$5.75.

PRATT'S POULTRY REMEDIES

Pratt's Chick Tablets

Avoids chick losses from most common bowel trouble. Use Pratt's Chick Tablets in the drinking water for the first 10 days.

Small pkg. \$0.25
Mailed35
Large pkg.50
Mailed65



Pratt's Disinfectant

For Stock and Poultry.

A quick, effective germicide, insecticide, and deodorant.

Pint can \$0.40
Mailed55
Quart can60
Mailed80
Gal. can (not mailable) 1.60



Pratt's Gape Compound

This is for external use only. Price, 50c; by mail, 60c.

Pratt's Healing Ointment

A satisfactory preparation for head lice on baby chicks. Per tube, 30c; by mail, 35c.

Pratt's Lice Powder

For positive and quick results use Pratt's Lice Powder. It is especially prepared for poultry. Box, 25c; by mail, 35c.

Pratt's N-K Capsules



A specially air-tight coated capsule of nicotine and kamala for individual treatment for tape and round worms. Made in two sizes, for adults and chicks.

For Adult Fowls—

—Pkgs. as follows:
50 capsules \$0.75
100 capsules 1.35
500 capsules 5.00
1000 capsules 9.00

For Chicks and Pullets—Pkgs. as follows:

50 capsules \$0.50
100 capsules90
500 capsules 3.50
1000 capsules 6.00

All Postpaid.

Pratt's Roost Paint

Kills lice on hens by just painting the roosts.
1/2-pt. can \$0.75
1-pt. can 1.25
Not mailable.



Pratt's R-P Tablets

(Formerly called Roup Tablets)

An easy, powerful product to use in treating colds, canker, catarrh, etc.

Small pkg. \$0.25
Mailed30
Large pkg.50
Mailed60



Pratt's Poultry Regulator

Builds up vitality, promotes sound digestion, sharpens appetite, and puts birds into condition for heavy egg laying.

1 1/2-lb. pkg. \$0.25
Mailed40
4-lb. pkg.50
Mailed70
12-lb. pkg. 1.40
Mailed 1.65
25-lb. pail 3.00
Mailed 3.45



Pratt's Sorehead Chicken Pox Preparation

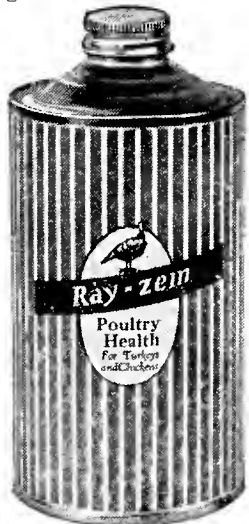
A sure cure for sorehead in poultry. Pkt., 60c; by mail, 70c.

Pratt's S-H

Pratt's S-H used constantly in the drinking water will help prevent the spread of diseases.

10-oz. bottle \$0.50
Mailed60
Quart bottle90

Pratt's Poultry Remedies are fully guaranteed.



Ray-Zem

For the prevention of blackhead and roup in turkeys. Ray-Zem has saved thousands of turkeys.

6-oz. can, \$1.00; postpaid, \$1.10.
16-oz. can, \$2.00; postpaid, \$2.15.
32-oz. can, \$3.50; postpaid, \$3.70.

Pratt's Special Compound

This was formerly called Cholera Preparation. Used for bowel trouble and cholera in poultry.

Pkg., 50c; by parcel post, 55c.

Solene

A Sodium Hypochlorite solution for all kinds of germs; a disinfectant and deodorizer that aids in prevention of most poultry diseases. Solene is non-poisonous and is used on dairy utensils with perfect safety. 8-oz. bottle, 25c. 1-pt. bottle, 50c; by mail, 10c each extra.

\$1000 Remedies



We absolutely guarantee these preparations. If you don't get proper results after following directions, you can be the judge: your money will be refunded.

\$1,000.00 Guaranteed Roach Killer. 35c, 65c, \$1.25 cans; by parcel post, 10c each size extra.

\$1,000.00 Guaranteed Ant Bane. 35c, 65c cans; by parcel post, 10c each size extra.
\$1,000.00 Guaranteed Flea Killer. 50c; by parcel post, 10c extra.

\$1,000.00 Guaranteed Bedbug Killer. 35c, 65c size; by parcel post, 10c each size extra.

Tobacco Powder



Controls round worm in poultry. Easy to use and very inexpensive. Mix 2 pounds of this extra fine quality Tobacco Powder in 100 pounds of mash. 2-lb. pkg., 25c; postpaid, 40c. Bulk, 10 lbs., 85c; postpaid, \$1.10.

Top Notch Flea Powder

Also effective for destroying lice on poultry. It is non-poisonous, therefore, safe to use.

3 oz. can, 35c; mailed, 42c.

TALCIMIZED SODIUM FLUORIDE

It kills both old and young lice, including the young which hatch from the eggs present on the fowl at time of treatment. Talcimized Sodium Fluoride is the form for poultrymen to use.

Small size (for 40 chickens) ... \$0.35
Large size (twice as much)60

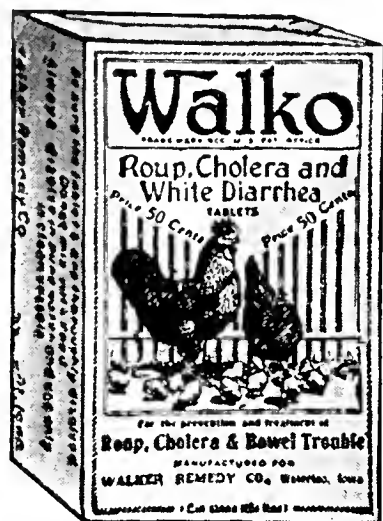
Parke-Davis C. A. Capsules

For large round worms and tape worms in chicks, chickens and turkeys.

Price, C. A. Capsules, No. 195, for young chicks or poults. Pkg., 12 capsules, 40c; pkg., 50 capsules, 90c. No 196, for adult birds and large turkeys, pkg., 12 capsules, 50c; pkg., 50 capsules, \$1.25. All parcel post paid.

IT WILL PAY YOU TO BUY OUR TOP NOTCH GRADE BABY CHICKS.

Walko Diarrhea Tablets



Walko is a reliable germicide. It is especially destructive to the white diarrhea germ, yet perfectly safe to give little chicks in their drinking water as soon as they are out of the shell. Sold in 50c and \$1.00 size boxes; by parcel post, 55c and \$1.10.

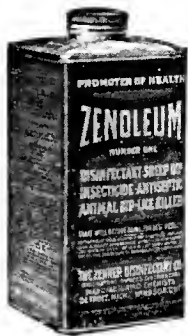
Worm R Powder

A flock worm eradicator that will not throw the fowls off egg production. It does not set back the younger fowls. Small pkg., 65c; by mail, 75c; 7-oz. pkg., enough for 3 doses for 150 hens, \$1.00; by mail, \$1.10.

Worm R Tablets

These are for individual treatment for poultry worms. They contain Kamaia, Nicotine Sulphate. Pkg., 100 tablets, hen size, \$1.00; by mail, \$1.10. Pkg., 200 tablets, chick size, \$1.00; mail, \$1.10.

Zenoleum



Used for livestock and poultry to prevent lice and mites, as well as general use about the farm, barn and the house.

8-oz. can\$0.35
1-qt. can75
2-qt. can 1.25
1-gal. 2.00
5-gal. 8.00

All prices on Zenoleum are f. o. b. Memphis. We cannot mail Zenoleum.

Bag Balm

Relieves and cures udder trouble, caked bags, cow pox, chapping, inflammation of all kinds in cows. Per box, 60c; by parcel post, 70c.



Bee Brand Liquid Spray

Kills mosquitoes, flies, gnats, etc. 1/2-pt. can, 25c; mailed, 35c.



B-K is a clear, colorless, non-poisonous germ killer used in dilution with water. B-K is absolutely harmless when used around poultry. Every dairyman should keep a bottle of B-K. 10-oz. bottle, 50c; mailed, 60c. qt. bottle, 90c. 1 gallon, \$2.00.

Bee Brand Insect Powder

Non-poisonous to humans, animals or pets, but kills moths, lice, bedbugs, potato bugs, flies, mosquitoes, ants, roaches, fleas and poultry lice.

SPECIALLY PRICED
2 1/4-oz. can, 18c; mailed, 24c. 6-oz. can, 35c; mailed, 45c. 11-oz. can, 65c; mailed, 75c.

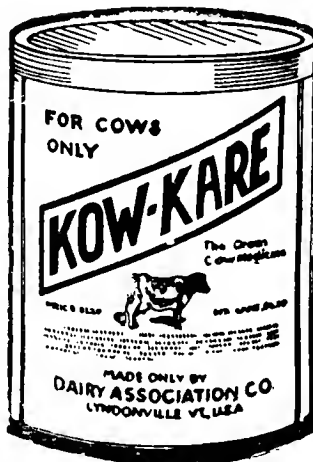
Dean's Liquid Smoke

For curing meat, a perfect substitute for preparing and keeping meat. Salt your meat in the usual way, then apply Dean's Liquid Smoke. Pint bottle, enough for 150 lbs. of meat, 50c; parcel post, 70c.

Dr. Blackman's Medicated Salt Brick

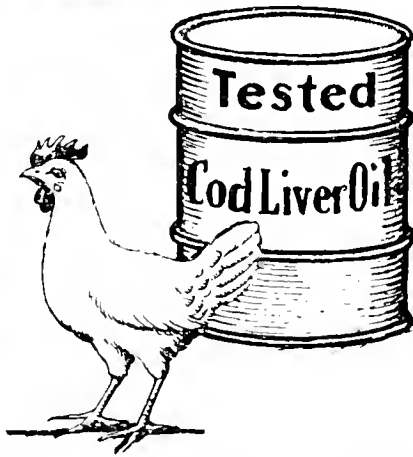
Brick shape, made of purest salt and medicine necessary for treatment of diseases for which it is intended. Per brick, 25c. By parcel post, per brick, 45c.

Kow-Kare



Watch every cow and at the first sign of disorders in appetite, digestion or flow of milk, give a dose of KOW-KARE. It cures abortion, barrenness and scours, caked udder, removes retained after-birth.

A medicine for cows only. Small size, 65c; by mail, 75c. Large size, \$1.25; by mail, \$1.40.



Nopco Cod Liver Oil increases egg production, eliminates soft-shell eggs, helps to eliminate blood spots, improves hatchability, produces stronger chicks, builds bone, promotes growth, reduces mortality, gives a better moult, conditions and protects against diseases.

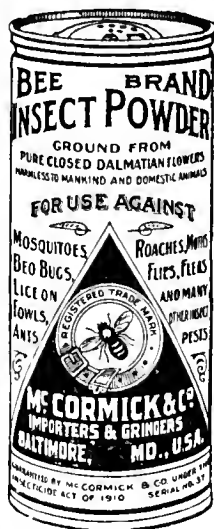
1-qt. can\$0.56
2-qt. can 1.08
1-gal. can 1.99
F. O. B. Memphis.

Dr. Hess Udder Ointment

Especially prepared for the treatment of injuries and congestion of the udder and teats. Penetrating, soothing, healing. Can, 50c; by mail, 60c.

Hydrated Lime

Everyone knows its value; the best deodorizer. Be careful and don't let the lime get into the eyes or on your hands. Price, 10-lb. pkg., postpaid, 50c. Not prepaid, 25c; 40-lb. bag, 60c.



Fly Spray

Useful both for stock and household use for killing flies, mosquitoes, etc. Gulf Venom. One of the most effective preparations of its kind on the market. Will not stain. Quart can, 75c. Not mailable.

Stock Powders

Blackman's Stock Powder, 1 1/4 lb. pkg., 25c; mailed, 35c.
Dr. Hess Stock Tonic. 1-lb. pkg. Each, 25c; postpaid, 35c.
Dr. Hess Stock Tonic. 3-lb. pkg. Each, 45c; postpaid, 60c.
Dr. Hess Stock Tonic. 25-lb. pkg. Each, \$2.50. Postpaid, \$2.95.
Pratt's Animal Regulator. 21-oz. pkg. Each, 25c; postpaid, 35c.
Pratt's Animal Regulator. 48-oz. pkg. Each, 50c; postpaid, 65c.



Salvet Hog Wormer and Tonic.
3-lb. pkg.\$1.00 \$1.15
7 1/2-lb. pkg. 2.10 2.25
15-lb. pkg. 3.60 3.95
Dr. Hess Hog Special. 3 lbs.45 .60

Rat and Mouse Destroyers

COWLEY'S RAT AND MOUSE EXTERMINATOR

This preparation is a scientific chemical compound, and is made in a way that attracts the rats and mice to drink it. This is the secret: They will drink it, and as it only requires a very small amount to kill, there is no telling how many can be killed in one night. Price 50c; f.o.b. Memphis. Not mailable.

RED CROSS RAT AND MOUSE EMBALMER

A sure rat and mouse destroyer that does the work thoroughly without any odor. 25c, 50c and \$1.00 per can. Poison; cannot be mailed.



Top Zol

Prepared rat baits ready for instant use; do they like them, and how! It is non-poisonous to humans or pets. 15c per bag, mailed, 25c.

Jim Dandy Rat and Mouse Killer

In pellet form, non-poisonous to pets, stock or humans. 15c pkg.; mailed, 25c.

\$1000 Guaranteed Rat Killer

Money back if it fails to satisfy. Pkg., 35c; Not mailable.



Mouse Seed

No mixing needed. The perfumed seeds attracts and kills the mice that eat it. Box, 25c. Not mailable.

Cyanogas

Kills rats and moles. 1-lb. can, 75c; 5-lb. can, \$3.00. Not mailable.

Zelio Rat Poison

A powerful rat and mice destroyer. It acts slowly and the animal leaves the premises instead of dying in the hole. 2-oz. tube, 50c. Poison; not mailable.

Sanaseed

Sure death to mice. Money back if it fails. Pkg., 15c. Cannot mail.

R.-H. Co.'s Poultry and Chick Feeders

Single Trough Feeder



Just the thing for feeding baby chicks; has sliding top, easily cleaned.

No. 56. 18 inches long. Each, 30c; by parcel post, 45c.

No. 57. 24 inches long. Each, 35c; by parcel post, each, 50c.

Double Trough Feeder



Has two sides, otherwise identical with the single trough.

No. 58. 12 inches long. Each, 25c; by parcel post, 35c.

No. 59. 18 inches long. Each, 30c; by parcel post, 45c.

No. 60. 24 inches long. Each, 35c; by parcel post, 50c.

No. 76. 36 inches long. Each, 50c; by parcel post, 70c.

Square Bottom Chick Trough



A very popular type of trough; has a revolving guard, mounted on the ends, so that it tips birds off. The guard is adjustable up and down to permit using trough for different size chicks.

No. 0630. 30 inches long, 3 5-8 inches wide, 1 1/2 inches deep. 40c; by mail, 60c.

Popular Chick Feed Trough



Well made, the turned in flange at trough edge prevents feed waste. The wire guard rod prevents chicks getting into trough and may be swung aside for filling or cleaning. Adjustable to two positions for starting or growing chicks.

No. N24. Feeders, 24 inches long. Each, 20c; mailed, 35c.

The Chicadee Feeders



These moderate price feeders are made for those who have only a few chicks. They answer all purposes as a feed saver, yet are simple and convenient—two sizes.

No. M-520. 13 in. long, 16 feeding holes. Each, 10c; mailed, 18c.

No. M-521. 23 in. long, 32 feeding holes. Each, 20c; mailed, 35c.

Chick Feed Troughs

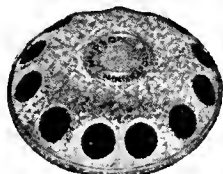


Die stamped, V-shaped bottom and flanged edge prevent waste of feed. Wire top guard adjustable.

No. OF12. Feeder. 12 in. long. Each, 10c; mailed, 20c.

No. OF18. Feeder. 18 in. long. Each, 15c; mailed, 30c.

Round Chick Feeders



H12



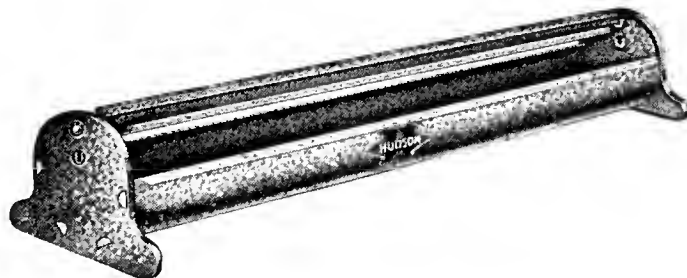
H8

Used for water and all kinds of chick feeds.

No. H8. Feeder. Galv. 8 holes. Each, 10c; mailed, 20c.

No. H12. Feeder. Galv. 12 holes. Each, 15c; mailed, 25c.

Reel Type Chick Feeders

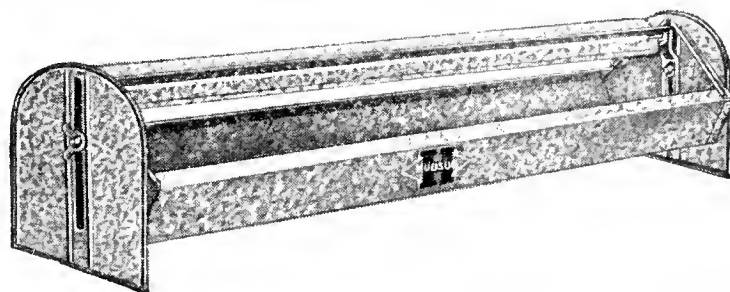


Adjustable to two positions for small or growing chicks. The rounded bottom and turned in flange at trough edge prevents feed waste and insures strength. The reel is all steel and is well balanced on smooth revolving pins. An excellent feeder, reasonably priced.

RO24. Feeder. 24 inches long. Each, 25c; mailed, 40c.

RO36. Feeder. 36 inches long. Each, 40c; mailed, 60c.

Large Reel Type Chick Feeder

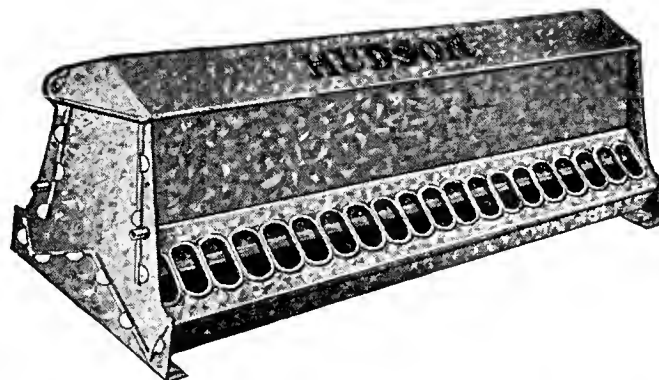


Revolving reel type feeder with relatively large capacity for baby chicks. Fully adjustable balanced four blade reel prevents roosting.

AR24S. Feeder. Length 24 in. Each, 50c; mailed, 70c.

AR36S. Feeder. Length 36 in. Each, 70c; mailed, 95c.

Capacity Chick Feeders



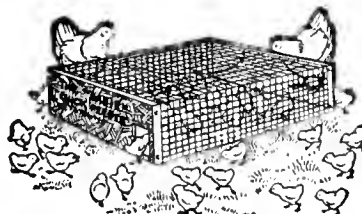
A large capacity feeder for baby chicks and growing birds. The hinged grill can be lowered or raised as desirable. Cover hinged inside carrying handles strengthen walls, height eight inches.

No. CF21. Feeder. 21 inches long. Each, 85c; mailed, \$1.15.

No. CF-24. Feeder. 24 inches long. Each, \$1.00; mailed, \$1.35.

No. CF-36. Feeder. 36 inches long. Each, \$1.45; mailed, \$1.85.

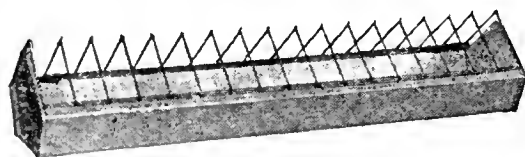
No. 30 Baby Chick Feeder



This simple wire feeder protects the little chicks and insures them plenty of feed, and will pay for itself many times over in economy of feed. It can be used in connection with the Lawn Park Brood Coops. Each, 75c; by express only.

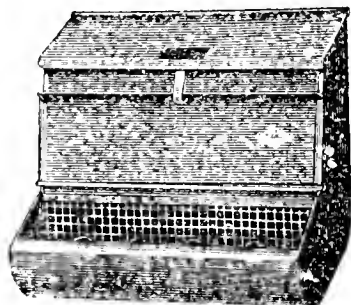
R.-H. Co.'s Poultry and Chick Feeder

Open Mash Feeder



Built to feed wet or dry mash.
No. 600. 44 inches long, 6½ inches wide, as shown in illustration. \$1.35; by mail, \$1.75.
No. 525. 60 inches long, 10 inches wide. On sturdy metal legs. \$2.50, f. o. b. Memphis.

Non-Clog Dry Mash Hopper



Does not clog, no matter how coarse the mash.

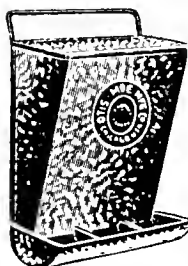
No. M36. 14-qt. capacity. \$1.50; by parcel post, \$1.85.

No. M13. 22-qt. capacity. \$1.75; by parcel post, \$2.15.

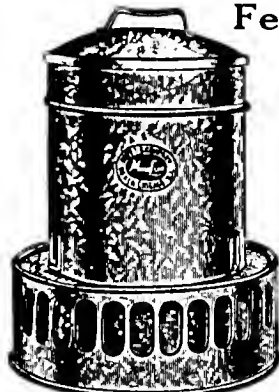
Grit and Shell Box

Feeds grit, oyster shell and charcoal without waste.

No. M45. Two compartments, chick size. Each, 35c; by parcel post, 50c.
No. M9. Three compartments, hen size. Each, 65c; by parcel post, 85c.



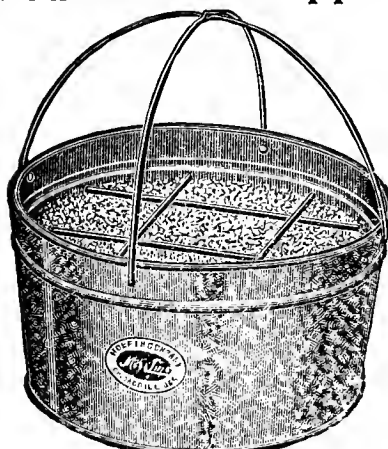
Peerless Growing Chick Feeders



For chicks and growing fowls. The hopper is adjustable up and down for different kinds of mash and feed. Thirty chicks can feed at one time.

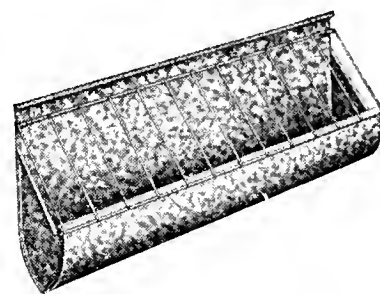
No. M193. Peerless Feeder, height 12 in., capacity 18 qts. Each, \$1.20. By express or freight only.

Round Mash Hopper



Capacity of 8 quarts. Has wire grid which rests on the feed and prevents the bird from wasting it.
No. M150. Each, 50c; postpaid, 70c.

Wall Mash Feeder



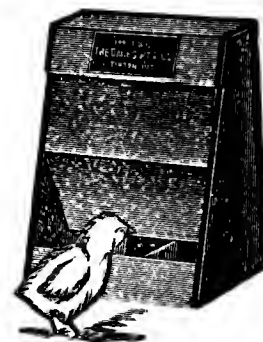
Won't waste feed; can be kept out of the way and will always be sanitary if left hanging on the wall. 30 inches long; capacity 16 lbs.

No. O26. Wall Mash Feeder, \$1.75. By parcel post, \$2.20.

Oakes' Chick Grit and Shell Boxes

Chicks should have grit, oyster shell and charcoal, and for this purpose Oakes' Chick Grit and Shell Box is indispensable. Made with 3 compartments.

No. O73. Chick size. Each, 75c; parcel post, 90c.



Baby Chick Fountains

Glass Pan Fountains



For use with Mason Jars; the ideal fountain for water, buttermilk or medicated water. Diameter of pan, 6 inches. Chicks cannot get into the pan. Price, without jar, 20c. Mailed, 30c.

Gem Chick Fountain

Easy to fill and clean; a good, serviceable fountain for chicks or growing fowls.

No. M158. 1 gallon size. Each, 50c.
No. M159. 2 gallon size. Each, 70c.
By mail, 20c each extra.



Mason Jar Buttermilk Feeder

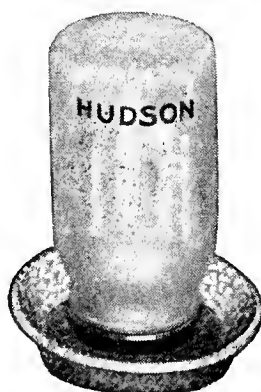
For Milk, Buttermilk or Medicine.

Bright charcoal tin—for feeding medicine and milk.

No. T25 — Fountain. Bright charcoal tin (without jar). Each, 15c; 4 for 50c. Mailed, each, 25c; 4 for 65c.



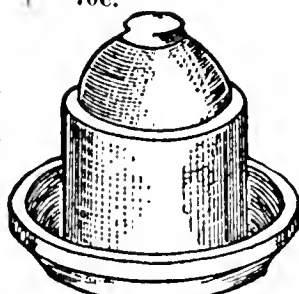
Mason Jar Fountain



Handy Fill Fountain

Capacity, 5 qts.; single wall fountain, made of galvanized iron. The pan and jar snap together on a glove fastener principle, especially designed for baby chicks. Handy to fill and clean.

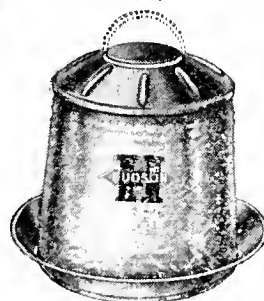
No. C1G. 5-qt. size. Each, 55c; mailed, 70c.



4-qt. Fountain, 20c.

Constructed so that plenty of water is always in the pan. Pan will not overflow. Fits standard mason jar.

No. G25 Fountain. Galv. (without jar). Each, 10c; 6 for 50c. By mail, each, 20c; 6 for 65c.



Stoneware Fountain

It is made in two parts, the saucer being separated from the upper portion, so it can be easily cleaned. These stoneware fountains are the best to have when using any medicine. 1 qt., 30c; 2 qts., 45c; 4 qts., 60c.

EXTRA SAUCERS For 1-qt. Fountain, 10c; for 2-qt. Fountain, 15c; for 4-qt. Fountain, 20c.

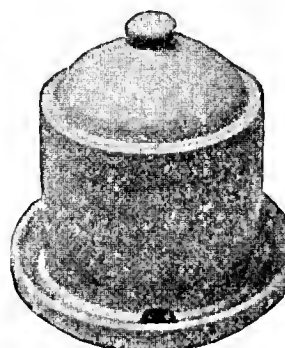
Star Fountain

No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar.

Price of holder, without jar: No. M32, galvanized. Each, 10c; 3 for 25c. By parcel post, each, 20c; 3 for 40c.



Stoneware Buttermilk Fountain



This is the best constructed Eastern Buttermilk Feeder on the market. The saucer and top container are highly glazed inside and out, of high grade earthenware. ½-gal. size, 45c. 1-gal. size, 60c.

EXTRA SAUCERS For ½-gal. Fountain, 15c. For 1-gal. Fountain, 20c.

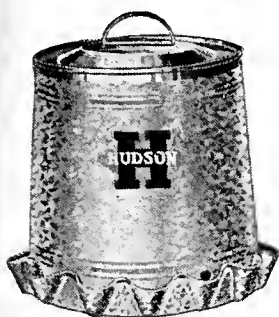
Not mailable.

Phen-O-Sal Tablets

Should be put in the drinking water every week. They are dependable for fowls of all ages. 50 tablets, 50c; 125 tablets, \$1.00. By mail, 60c and \$1.10.

R.-H. Co.'s Poultry and Chick Fountains

Handy Fill Chick Fountains



Tank and pan made of heavy galvanized sheet. Two piece construction. Tank snaps into pan on glove fastener principle. Tank is inverted to fill and the pan snapped in place. The fit between tank and pan is close and prevents water splashing out when the fountain is turned into an upright position for use or carrying. Scallop edges of drinking

trough provide individual drinking space for chicks and they cannot get wet or drown, yet these individual spaces are large enough to accommodate broilers and hens. An ideal fountain for the brooder or laying house. Two sizes.



No. C5



Double Wall Fountain

This double wall waterer is top filled. Double wall keeps water cool in summer and retards freezing in winter. Operates on vacuum principle. Feeds automatically. Small automatic valve prevents pan overflowing while being filled. New pivot mounted disc on cover wobbles from side to side and positively prevents roosting on cover. Excellent for growing chicks and full grown birds.

No. C5 Fountain. 5 gal., pan diam. 15 in. Each \$2.40.

No. C8 Fountain. 8 gal., pan diam. 17 in. Each, \$3.25.

No. C5B Fountain. With Perch and Legs, 5 gal. Each, \$4.50.

No. C8B Fountain. With Perch and Legs, 8 gal. Each, \$5.25.

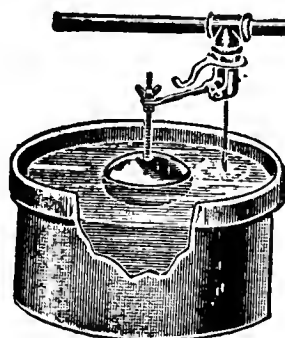
E-Z-Fill Double-Wall Fountains

A new, inexpensive double-walled fountain with heavy bail for carrying the outer can. Can be used for baby chicks or hens. The new style has a cone-shaped roost-proof top. Drinking space all around fountain. Bail is held out of water. Easy to fill and clean. No corks or valves. Made in two sizes.

No. O31. 3 gallon size fountain only. Each, \$1.75.

No. C31A. 3 gallon fountain with heater. \$3.60.

Automatic Fountain



Can be attached to iron pipe, barrel or tank; insures a continuous supply of fresh water. The automatic valve and float is entirely of brass, nickel finish. No. M30. Without pan, \$1.00; by parcel post, \$1.10.

Bottom Fill Chick Fountain

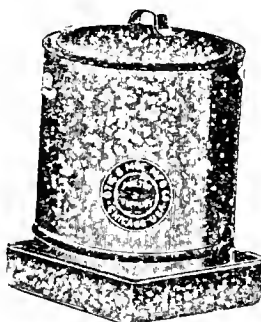
A two-piece cone shaped fountain, easily filled and cleaned. An ideal fountain for a small group of baby chicks. Made in two sizes.

No. B-1. 1 qt. Each, 20c; mailed, 30c.

No. B-2. 2 qt. Each, 25c; mailed, 40c.



Square Top Fill Fountain



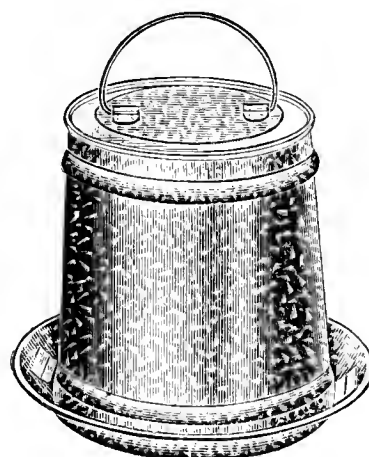
Double wall. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.

No. M1. 1-gal. capacity. Each, \$1.25; by parcel post, \$1.50.

No. M2. 2-gal. capacity. Each, \$1.75; by parcel post, \$2.10.

No. M4. 4-gal. capacity. Each, \$2.20; by parcel post, \$2.60.

Leader Fountain



For hens and growing chicks; also baby chicks. Provides adequate water supply without crowding. The pan is properly shaped to prevent chicks getting into the trough, but it is deep enough for use of hens. It is made of heavy gauge steel, a durable and strong fountain.

No. O102. 2-gallon Leader Fountain, \$1.00.

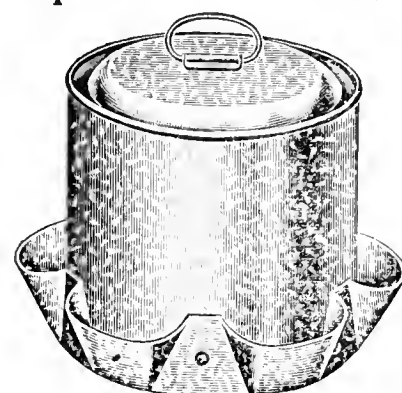
By mail, 30c each extra.

Coop Drinking Cup



Used for mating or exhibition coops. Each, 10c; parcel post, each, 18c.

Snap-On Chick Waterer



Inexpensive but good. Escalloped pan has six drinking spaces. Can fits snugly in pan and is held in place by friction. Made of heavy galvanized steel.

No. 100B. Each, 50c; mailed 75c.

No. 100C. Each, 75c; mailed, \$1.10.

Round Top Fill Fountain



Made with round drinking pan, which is preferred by many, and the outside cover has a wire handle so that it can be used to carry water when filling the inside tank. Easy to clean.

Double walls, which keeps the water cool in summer, and retards freezing in winter. No. M33. 2-gal. capacity. Each, \$1.90; by parcel post, \$2.20.

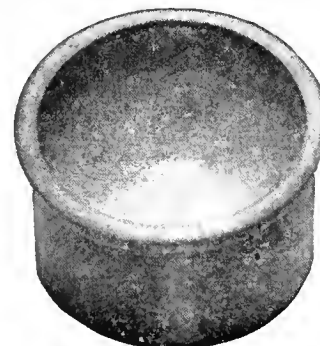
No. M34. 4-gal. capacity. Each, \$2.25; by parcel post, \$2.65.

Stoneware Rabbit Feeder



Has flanged top, thus preventing waste of feed. Cannot be turned over while in use. Each 20c. By mail, each, 40c.

Stoneware Rabbit Waterer



Made especially for the purpose; animals cannot tip them over, as they are extra heavy. Each, 20c. By mail, each, 40c.

R.-H. Co.'s Poultry Supplies

POULTRY LEG BANDS

Reliable Colored Leg Band



In colors with printed numbers. Made of aluminum with colored numbered inserts. Adjustable. In four colors—blue, red, green and white. Packed in envelopes, numbered 1 to 12, 13 to 25, 26 to 50, 51 to 75, and 76 to 100. Will fit Barred Rocks, Rhode Island Reds, Minorcas, Anconas and Leghorns. Doz., 20c; 25c, 35c; 100, \$1.20, postpaid.

"Bandettes"



The latest spring clip pattern. Made entirely of celluloid. Bandettes are strongly made, the numbers are indestructible. The Bandettes come in the following colors: red, blue, green. Three sizes—Leghorns, Rocks, Reds or Wyandottes. Selection of numbers from 1 to 100. 25 for 50c; no less sold; 50 for 90c; 100 for \$1.50, postpaid.

Colored Celluloid Spiral Leg Bands



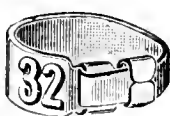
These slip on like a key ring; cannot drop off; easily removed. Made of the various colors—white, pink, yellow, green, dark blue, light blue and red. Made in all sizes. When ordering state what breed and color you want them.

	Doz.	50	100
No. 1—Brahmas, etc.	\$0.15	\$0.35	\$0.60
No. 2—Rocks, R. I. Reds.	.15	.35	.60
No. 3—Leghorns, Anconas	.15	.30	.50
No. 4—Bantams	.15	.30	.50
No. 5—Pigeon size	.10	.25	.45
No. 6—Baby Chick size	.10	.25	.45

Champion Leg Band

LARGE RAISED FIGURES

These are adjustable to fit any size fowl, very light and will not come off easily. Numbered from 1 to 200. Doz., 15c; 25, 25c; 100, 75c, postpaid.



Coloroid Chick Bands



This is a neat, attractive and very visible band, easy to apply; can be applied the day chicks are hatched, or later; can be used several times. Colors as follows: orange, black, white, dark green, red, blue. Not numbered. 25 for 15c; 100 for 50c, postpaid.

Elite Colored Pigeon Bands

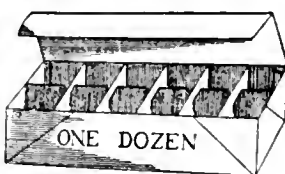


Made of a special grade of aluminum with colors plain, and has large numbers. Colors: Green, red, blue and orange; numbered in pairs from 1 to 50. Packed in envelopes containing 6 pairs each. 6 pairs, 12 bands, 20c; 24 pairs, 75c, postpaid.

Hatching-Egg Boxes

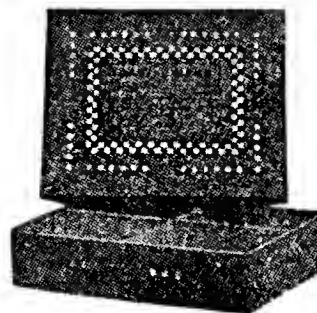
Made with large cells to facilitate extra wrapping, double walled corrugated on all sides, especially designed for transporting valuable eggs for hatching. No. 3, 15-egg size, each, 20c; doz., \$2.00. By parcel post, each, 30c; doz., \$2.30.

Cardboard Egg Cartons



These are intended for delivering eggs to consumers. Hold one dozen each; has 2 rows, 6 eggs each.

Dozen, 20c; 100, \$1.50; per bundle, 250, \$3.50; by parcel post, dozen, 30c; 100, \$1.70.

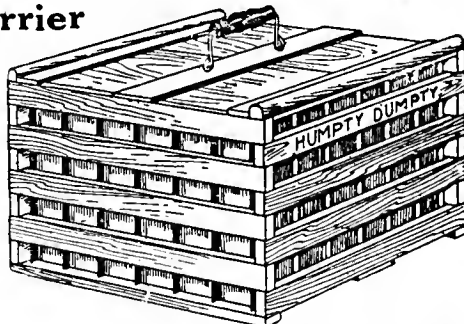


Baby Chick Shipping Boxes

Made from corrugated paper with strong bottom and ventilated top. Strong, yet light in weight. Price with staples:

25-chick size, doz., \$1.20; mailed, \$1.50.
50-chick size, doz., \$1.50; mailed, \$1.85.
100-chick size, doz., \$2.00; not mailable.
25-chick size, 100, \$8.00; express.
50-chick size, 100, \$11.00; express.
100-chick size, 100, \$15.00; express.
Chick box staples, 20c per 100; \$1.00 per 1000. Postpaid, 30c per 100; \$1.25 per 1000.
Chick boxes sold in bundles of one dozen each only.

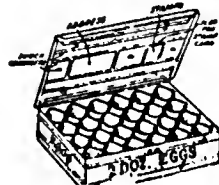
Humpty Dumpty Egg Carrier



Strong and durable. No tools to set them up. Can be used over and over. A fine egg carrier for either parcel post or express shipments. Price, 6 dozen size, 50c; by parcel post, 65c. Price, 12 dozen size, 65c; by parcel post, 85c.

Metal Egg Crates

Indestructible; made for interchangeable shipments; lasts for years; pays for itself in a few shipments.



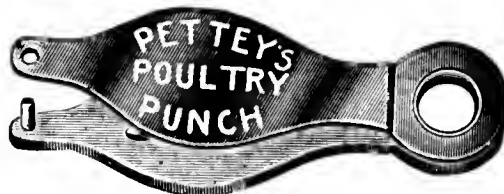
Weight	Each	Post-paid
Size Empty		
4 doz. 5 lbs.	\$1.20	\$1.35

Eyrie Shipping Coops

Ends and slides heavy corrugated cardboard. Top and bottom wood. Parcel Express Post

No. C. 4 bird size, each \$0.50 \$0.70

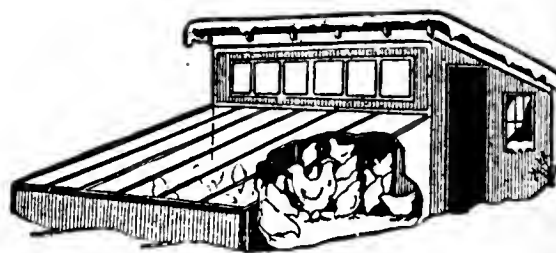
Poultry Punches



These are made for marking baby chicks by punching a hole in the web between the toes.

Postpaid
Pocket size Punch \$0.15
Moe's No. 39 Ideal Punch .35

Glass Cloth



Glass Cloth is excellent for Poultry Houses, Brooder House, Hotbeds, Cold Frames, Windows, Doors, etc., and is a perfect substitute for glass, except for roofing. All Glass Cloth comes 3 feet wide.

Prices

Per single yard	\$ 0.30
One piece 5 yards long	1.40
By parcel post	1.60
One piece 10 yards long	2.60
By parcel post	2.80
One piece 15 yards long	3.60
By parcel post	3.95
One piece 50 yards long	11.00
One roll 100 yards long	20.00

F. O. B. Memphis.

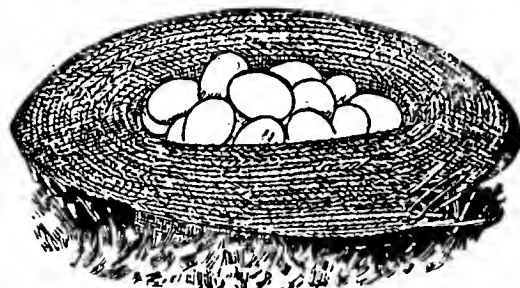
Stoneware Pigeon Nest



Made so the birds cannot tip over. A good, safe nest. Size 9 1/2 inches. Each, 25c; by parcel post, 40c.

Pigeon Nests

Durable and light; galvanized iron; also are best for sanitary purposes. Each, 15c; by parcel post, each, 25c.



Nest Eggs

Prices as follows:

	Doz.	Parcel Post
Medicated	\$0.60	\$0.75
Lime Eggs	.30	.45
China or Opal	.30	.45

Wooden Nest Eggs

	Doz. ea.	Post-paid
White or Buff Colored	\$0.40	\$0.55




A perfect scratching material for baby chicks. A deodorizer, absorbent, disinfectant and labor-saving litter. It absorbs all the moisture from droppings.

Trial bales containing 2 bushels, compressed, \$1.25; postpaid, \$1.60. Large bales containing 20 bushels, compressed, \$4.25, f. o. b. Memphis.

Brooder Supplies, Etc.

Brooder and Incubator Thermometers



No. 126. Tycos, Inc. Certified\$1.25

No. 125. Tycos Inc. Thermometer 1.00


No. 5440. Tycos Weather Thermometer35

No. 5792. Half-round 8-in. Brooder50

No. 5794. Flat 5-in. Brooder45

By parcel post add 10c each for postage.

Thermostat Wafers



Double units with solid post between, making each wafer independent of the other. Accurate and durable. Fits all

standard makes of coal brooders, such as Reliable, Buckeye, Old Trusty, Queen, Moe's, Macomb, National and all others using a standard type regulator arm. Fits oil brooders. Price, 3-inch double thermostat, each, 40c; postpaid, 50c.

Brooder Repairs

Glass Reservoirs\$1.25

Reservoir Valves40

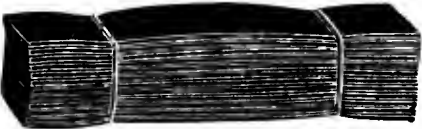
Wicks for National. 2 sizes40c to .65

Wicks for Moe's Brooder. 2 sizes20

If wanted by mail, add postage to prices quoted.

Specify kind and size of brooder when ordering.

Brooder, Incubator Wicks



Nos. 1, 2 and 3. Cotton Wicks. 3 for 10c.

Nos. 1 and 2. Red Felt Wicks. 3 for 10c.

Asbestos Wicks. Small or large. Each, 20c.

Kerogas Wicks. Small. Each, 40c.


Kerogas Wicks. Large. Each, 65c.

Putnam Brooder Wicks. 3 for 10c.

Putnam Stove Wicks. 2 for 5c.

Above prices are postpaid.

Brooder and Incubator Lamp Burners




No.1 Burner. Each, 35c; by parcel post, 45c.

No.2 Burner. Each, 50c; by parcel post, 60c.

No.3 Burner. Each, 60c; by parcel post, 70c.

No. 214 Double Burner. Size No. 3. Each, 75c; by parcel post, 85c.

Lamp Chimneys

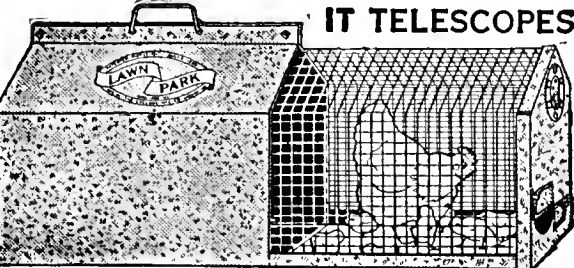


Lamp Chimneys for Incubators and Brooders—strong metal. No. 2 Chimneys, each, 20c; by parcel post, 30c. No. 3 Chimneys, each, 20c; by parcel post, 30c.

Shelko

The new fuel for Brooder Stoves. Superior to hard coal, makes even heat, makes no ashes, no fumes. Ask for Circular. 40-lb. sack, 60c; ton price on request.

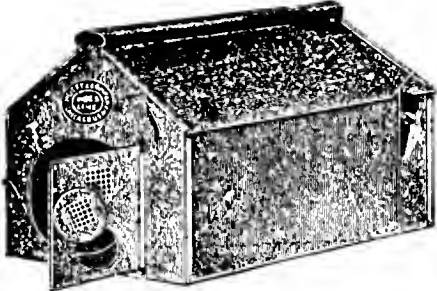
The Lawn Park Brood Coop



IT TELESCOPES

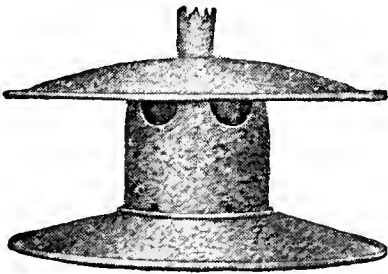
The wire park pulls out like bureau drawer and is made from heavy galvanized wire netting. Size of coop, 18 inches wide, 19½ inches high, 48 inches long. Protects the chicks from hawks, rats, weasels, vermin, cold and storms. It is so ventilated that when park is pushed in the air circulates freely without admitting rain or snow. The coop has removable galvanized bottom. Each, \$3.00, set up, ready to use. F. o. b. Memphis.

Square Brood Coop



Has a combination door which can be adjusted to keep the hen in and permit the chicks their liberty. Size, 16 inches wide, 23 inches long, 16 inches high and weight, 12 pounds. Price, knocked down, but can be quickly set up, No. M49, each, \$1.50.

Putnam Brooder Heater



There is no brooder on the market at any price that equals the Putnam Home-Made Brooder in ease, simplicity and economy of operation; none which uses so little oil per chick. This brooder consumes less than a gallon of oil a month. Price, Brooder Heater only, \$4.50. No box furnished.


By parcel post, \$4.75.

The Little Putnam Stove



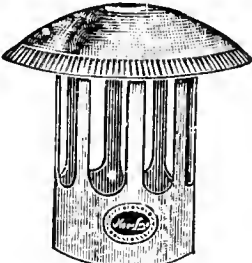
Keeps drinking water from freezing. Costs only 20c to 30c for oil to run an entire winter. Make your own oat sprouter with a Little Putnam Stove. Price, \$1.90; by parcel post, \$2.10.

Smoke Pipe for Brooders



No. 114. Black Smoke Pipe, 2-foot lengths. 4-in. each, 20c; 5-in. each, 25c.

Smoke Pipe Top Cap




Chimney Cap for Moe's No. 440 Roof Saddle or other Brooder Stove Pipes. Keeps out rain and snow and improves the draft. Easy to install; no tools or bolts required. In two sizes.

No. 444. Chimney Cap for 4-in. pipe. Each, 35c.

No. 445. Chimney Cap for 5-in. pipe. Each, 40c. Mailing, 15c each extra.

Roof Saddles for Brooder Pipe




Moe's No. 440. 4-inch Roof Saddle, without cap. \$1.25.

Moe's No. 441. 5-inch Roof Saddle, without cap. \$1.50.

Mailed, 30c each extra.

Corrugated Elbows



No. 115. Black Corrugated Elbows.

3-inch\$0.10

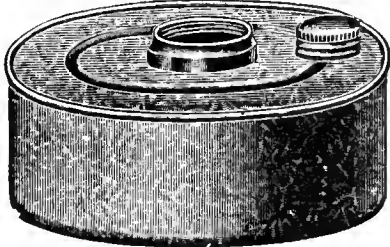
4-inch15

5-inch15

Pipe Collars

No. 117. Pipe Collars. Sizes, 6x4, 6x5. All same price. Each, 10c.

Brooder and Incubator Lamp Bowls




No. 1. Bowls	Each	Post-paid
No. 2. Bowls	\$0.35	\$0.50
No. 3. Bowls	.60	.75
	.75	.90

Dandy Egg Tester

Will test eggs accurately for all purposes. Each, 10c; mailed, 20c.

Our Top Notch Baby Chicks

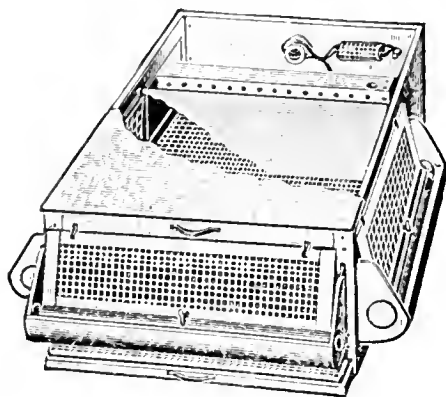


They are from carefully selected and mated flocks. You won't get chicks from pullet eggs when you buy Top Notch chicks. Remember, it's in the proper mating. If you have been stung, try a shipment of our chicks and you will see the difference when you open the box.

For prices on Top Notch Baby Chicks, see last page of catalog.

R.-H. Co.'s Brooders

Gro-Ezy Electric Battery Brooder



A sweeping success, a new Gro-Ezy Brooder with woven wire doors which admit more light, equipped with automatic thermostat heat control, long electric heating element, heavy curtains, heavy wire floors. Doors can be locked. Wide and deep troughs which do not waste feed and are adjustable; removable dropping pans, sanitary and easily cleaned.

There is ample room in this new brooder for chicks from a day old to ten weeks old. Combination racks permit easy expansion when needed.

The operating cost of Gro-Ezy Electric Brooders is low, uses only about one kilowatt in 24 hours. Drawers are easily removed from rack. Capacity of each drawer from 60 to 100 chicks.

Gro-Ezy Brooders should be operated in a room that is heated to 75 degrees with a good brooder or coal stove. Under the proper conditions you can raise 95 to 99% of the chicks you put in them.

Price of Gro-Ezy Electric Brooders with woven wire doors:

- No. 801 Single Drawer Brooder. \$9.15.
- No. 802 Two Drawer Unit and Rack. \$26.00.
- No. 803 Three Drawer Unit and Rack. \$35.00.
- No. 804 Four Drawer Unit and Rack. \$45.50.
- No. 805 Five Drawer Unit and Rack. \$54.50.
- No. 7023 Rack only for 2 or 3 drawers. \$8.00.
- No. 7045 Rack only for 4 or 5 drawers. \$10.00.

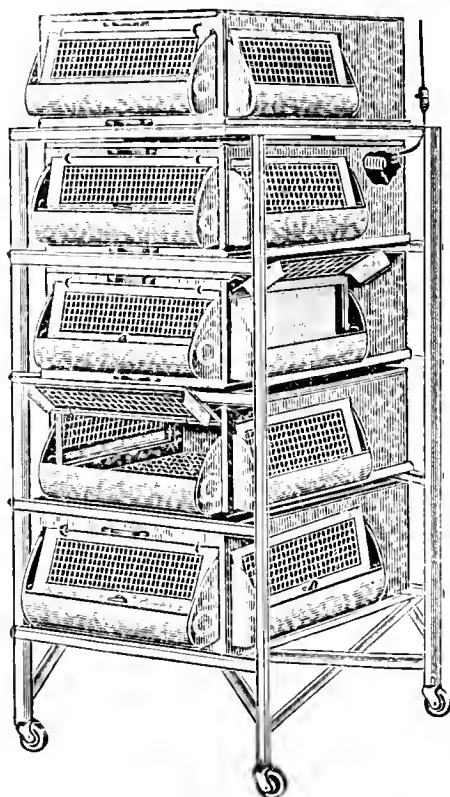
Be sure to specify voltage and current when ordering. Metal Back Brooder Thermometer. 50c.

Red Pilot Light Bulb. 30 watts. 50c.

For those who do not have electric current, we can supply the following oil or lamp heated Battery Brooders:

- No. 7010 Single Oil Lamp Heater. \$8.25.
- No. 7030 3-Drawer Brooder and Rack. \$32.25.
- No. 7050 5-Drawer Brooder and Rack. \$50.25.

All f. o. b. Memphis.



Jamesway Electric Brooder

These new improved Jamesway Electric Brooders are up-to-date, modern and will give perfect satisfaction. We have both the insulated and uninsulated hovers or brooders. The latter are for small flocks and can be used in any room if the hover is placed inside of a large box, so as to retain the heat.

PRICES

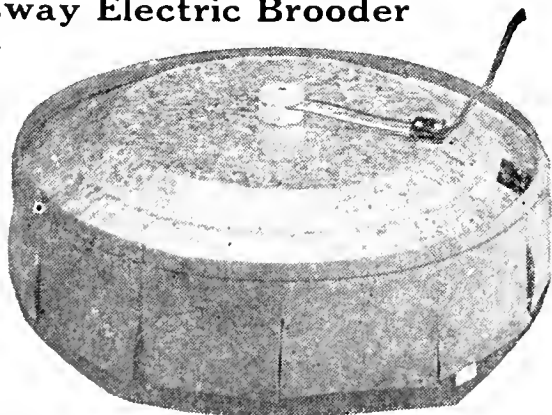
- No. 696. 21-in. uninsulated Hover. 50-chick capacity, \$3.00; by mail, \$3.50.
- No. 698. 32-in. insulated Hover. 200-chick capacity, \$8.95; by freight or express only.

Gro-Mor Brooders

Now a durable cardboard brooder at a low cost. Made of heavy fibre, galvanized braced steel walls; has a well-braced steel wire bottom, floor 24x24 and 7-inch head room. Price with 7-ft. electric cord, porcelain socket and galvanized heating drum. Capacity 60 chicks, shipped knocked down.

No. C-3-624. Price, only \$1.75; mailed, \$2.00.

No. C-4624. All galvanized with heating element. \$3.50.



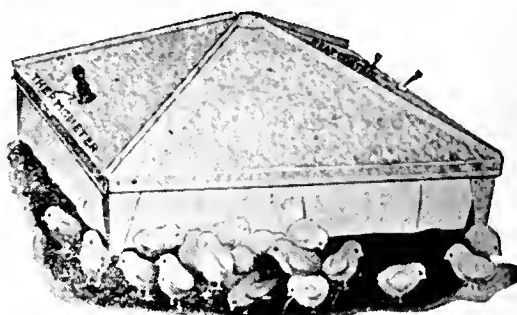
Oakes Electric Brooder

The Oakes New Improved Electric Brooder is by far the most modern and economical brooder for raising flocks from 100 to 650 chicks. The Oakes Electric Brooder can be installed and placed in operation 15 minutes after arrival. It is only necessary to plug the attachment cord into the nearest lamp socket and adjust the thermostatic switch to give desired temperature. Positive heat control with the Oakes automatic thermostat. Clean, even heat.

No lamps, smoke or fumes; no ashes or coal to carry; no wicks to trim; no messy oil.

- Prices: Each
- No. 722. Size 22 in., chick capacity 75, weight 15 lbs. \$ 7.75
 - No. 732. Size 32 in., chick capacity 150, weight 35 lbs. 14.50
 - No. 742. Size 42 in., chick capacity 250, weight 66 lbs. 18.75

Larger sizes quoted on request.



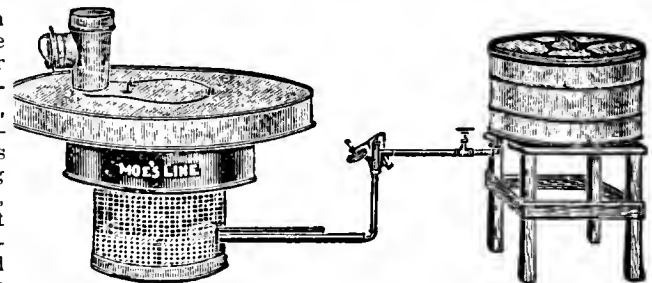
Moe's Broodrite Jr. Oil Brooder

A modern dependable heater for brooder houses; efficient, safe and reliable. No wicks or lighting rings are used, burns a hot intense blue-white and yellow flame

and does not smoke. It has a wide range of heat, easily adjusted for any weather. Burns ordinary distillate 38-40 fuel oil or burns kerosene oil if preferred.

The oil feeds by gravity from an outside drum or tank. It is fitted with an overflow pipe as extra precaution. Requires less floor space than the old style canopies. Each brooder is fitted with a 5-inch galvanized Tee and patent draft adjuster, which makes it efficient and economical on the fuel. It spreads the warmth evenly right down on the baby chicks. Fully guaranteed and sold at a most reasonable price. Capacity about 300 chicks.

No. 240. Brooder Complete with Canopy and Galvanized Oil Tank. 1/4-inch pipe and fittings, smoke pipe tee and draft adjuster. Only \$12.50. Ventilating pipes if wanted, 25c per joint extra. F. o. b. Memphis.



Electric Brooder Heater

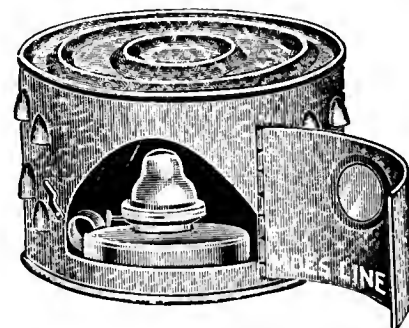
Price, No. 436 Electric Heater, \$2.40; by parcel post, \$2.65.



No. 10 Oil Brooder and Fountain Heater

An excellent heater that burns kerosene, for a small brooder. Place in a box and the chicks will keep warm and comfortable. It can also be used with any style poultry fountain and prevents water freezing.

Price, No. 10 Brooder Heater, complete, \$1.50; by parcel post, \$1.80.

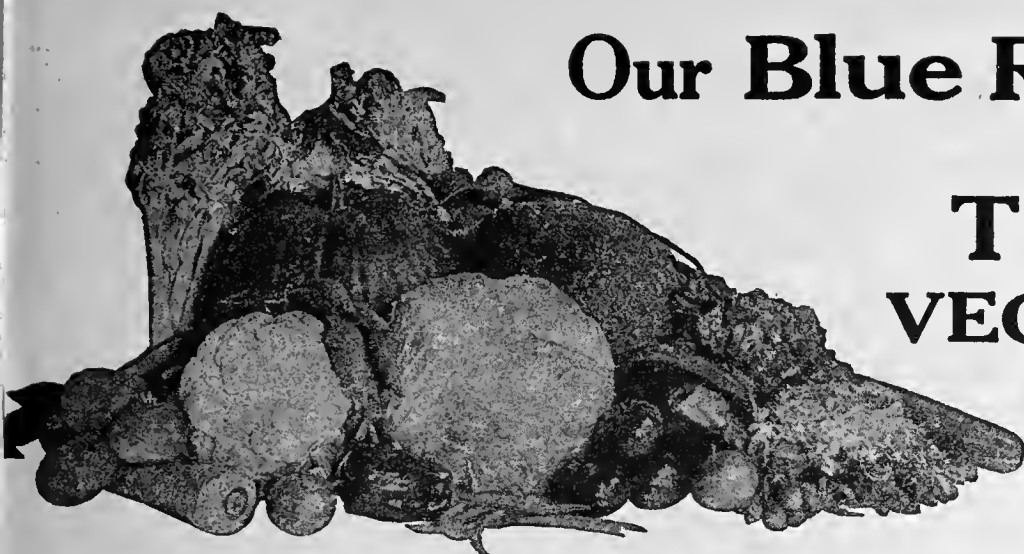


Liv-An-Gro Electric Brooders

A low-priced primary brooder, the box is made of strong fibre with a wire screen floor. It is also durable, waterproof, and equipped with feed and water pans. The outfit consists of Brooder Box, ten feet of electric cord, porcelain socket with terminal plug and a circulating drum to enclose the bulb. Electric light bulb is not furnished. Size of brooder, 20 by 24 inches, 7 1/2 inches high.

Price without dropping pan, only \$1.95; by parcel post, \$2.25. Dropping pan, 50c, extra; mailed, 65c.





Our Blue Ribbon Collection of **TOP NOTCH VEGETABLE SEEDS**

Price **95c** Post-
only paid
Regular Value \$1.65

Every sort represents the best in its class. The actual value if purchased separately would be \$1.65. We can sell you this collection at the low price of 95c because we put up hundreds of them before the spring rush starts. All the new crop seeds will be ready February 1st or sooner. When your order comes in, out goes the package the same day without any delay.

Here is what your money will buy:

- | | | |
|---------------------------------------|------------------------------------|------------------------------------|
| 1 1/2-lb. Bush Beans, Stringless | 1 oz. Turnip, White Globe | 1 pkt. Okra, White Velvet |
| 1 1/2-lb. Pole Beans, Kentucky Wonder | 1 oz. Spinach, Savoy Leaved | 1 pkt. Pepper, California Wonder |
| 1 1/2-lb. Bush Butter Bean, Henderson | 1 pkt. Beet, Crosby's Egyptian | 1 pkt. Radish, Early Scarlet Globe |
| 1 1/2-lb. Sugar Corn, Beats All | 1 pkt. Carrot, Danvers Half-Long | 1 pkt. Squash, Early White Bush |
| 1 1/2-lb. English Peas, Alaska | 1 pkt. Lettuce, New York Wonderful | 1 pkt. Tomato, Marglobe |
| 1 oz. Mustard, Curled | 1 pkt. Onion, Red Italian | |

Russell-Heckle's Special Collections

Prices below are postpaid. No changes can be made in collections.

Kitchen Garden Collection of Vegetable Seeds

60c Postpaid

- 1 10c pkt. Bush Beans, Stringless
- 1 10c pkt. Pole Beans, Ky. Wonder
- 1 10c pkt. Bush Butter Beans, Henderson
- 1 10c pkt. Beet, Crosby's Egyptian
- 1 5c pkt. Carrot, Danvers Half-Long
- 1 5c pkt. Lettuce, New York
- 1 10c pkt. Mustard, Curled
- 1 5c pkt. Okra, White Velvet
- 1 5c pkt. Radish, Ea. Scarlet Globe
- 1 5c pkt. Squash, White Bush
- 1 5c pkt. Spinach, Curly Savoy
- 1 10c pkt. Turnip, Purple Top Globe
- 1 5c pkt. Tomato, Marglobe
- 1 5c pkt. Swiss Chard, Lucullus

Regular \$1.00 Value, Only 60c

Exhibition Collection of Flower Seeds

60c Postpaid

One pkt. each of the following:

- Aster, Hearts of France
- Clarkia, Ruby King
- Cheiranthus, Siberian Wallflower
- Dimorphotheca (African Daisy)
- Nasturtium, Golden Gleam
- Pansy, Overton Park Mixed
- Stocks, Double Perfection Mixed
- Tithonia (Mexican Sunflower)

Regular Value \$1.05



Rainbow Collection of Choice Annual Flower Seed

One packet each of the following:

60c Postpaid

- Alyssum, Sweet
- Aster, Comet
- Balsam, Mixed
- Marigold, Mixed
- Mignonette, Sweet
- Nasturtium, Dwarf
- Pansy, Mammoth Mixed
- Petunia, Mammoth Flowering Mixed
- Phlox, Mammoth Flowering Mixed
- Pinks, China Mixed
- Scabiosa, Mixed
- Salvia, Scarlet Sage
- Snapdragon, Tall Mixed
- Zinnia, Giant Flowering Mixed

Regular Value \$1.00

Top Notch Sweet Pea Collection

60c Postpaid

One packet each of the following named Spencer Sweet Peas:

- Barbara. Cream.
- Guinea Gold. Yellow.
- Heavenly Blue.
- Miss California. Pink.
- Helen Lewis. Salmon.
- Countess. Pink.
- Fiery Cross. Pink.
- King White.
- Glen Eagles. Lavender.
- Royal Purple.

If sold separately, this collection would cost \$1.00.

Special Verbena Collection

60c Postpaid

One packet each of the following:

- Beauty of Oxford. Crimson.
- Helen Willmott. Pink.
- Mammoth Purple
- Lavender Glory
- Cardinal Gigantea. Scarlet.
- Mammoth White

Regular Value 85c

California Giant Mammoth Zinnias

60c Postpaid

One packet each of the following:

- Brightness. Pink.
- Grenadier. Red.
- Orange King
- Purity. White.
- Violet Queen
- Daffodil. Yellow.
- Lavender Gem
- Rose Queen
- Salmon Queen
- Scarlet Gem

Regular Value on Above, \$1.00



Top Notch AA *Quality*

RUSSELL-HECKLE'S

Baby Chicks



All Top Notch AA Baby Chicks are officially state accredited and again tested for White Diarrhea.

Top Notch AA baby chicks are hatched from properly mated, pedigreed pure bred flocks, chicks that will live and grow if properly handled. Top Notch chicks are No. 1 grade from pedigreed flocks, not hatched from promiscuous eggs. Try Top Notch AA chicks and see the difference. All chicks are shipped from our hatchery, not from Memphis. Shipped regularly every Monday, Wednesday, and Thursday. Get your order in the week before and chicks will reach you when you want them.

Baby chicks are almost certain moneymakers, whether purchased for supplying the home fryers, egg layers or for the farm commercial flock. Our chicks are easy to raise, you can get them promptly, and are delivered by your postman without any inconvenience or trouble, just have a good brooder or some hens to care for the chicks on arrival. Start them early. It pays to get and have the chicks as early in the spring as possible.

100% LIVE DELIVERY GUARANTEED

You will absolutely get full count and full value and we guarantee 100% live delivery on our Top Notch AA quality chicks. All are selected at the hatchery to see that you get strong, husky chicks.

We further guarantee that you will be thoroughly satisfied with the baby chicks we ship you. The stock is right and the chicks are right.

All orders are acknowledged promptly on receipt. Remit by Post Office or Express money order. Our terms on baby chicks are cash to all. Prices subject to change.

C. O. D. SHIPMENTS

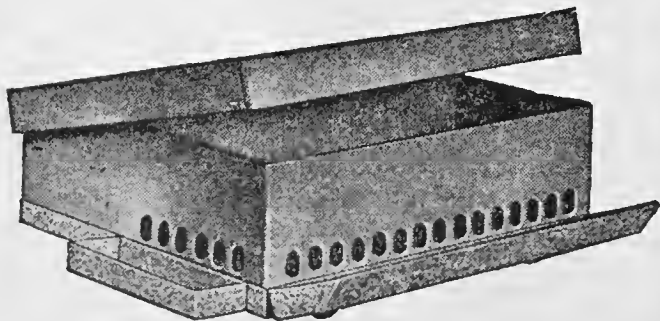
We will ship your chicks C. O. D. if you will send us a deposit of \$1.00 per 100 chicks. You can then pay the balance to your postman.

TOP NOTCH AA QUALITY CHICKS

Prices, postpaid, for delivery in January, February, March and April.	25	50	100	500
Anconas; Brown, Buff and White Leghorns	\$2.15	\$4.00	\$ 7.50	\$35.00
Barred, Buff and White Plymouth Rocks	2.40	4.50	8.50	40.00
Buff Orpingtons and Rhode Island Reds	2.40	4.50	8.50	40.00
Black, Buff and White Minorcas	2.50	4.75	9.00	42.50
Black Giants; Brahmas and Blue Andalusia	2.90	5.50	10.50	50.00
Jersey White Giants	3.50	6.75	13.00	62.50
White and Silver Laced Wyandottes	2.50	4.75	9.00	42.50
Heavy Assorted	2.10	3.90	7.40	34.50

Special Foundation Mating—AAA Chicks from Prize-Winning Flocks

Prices, postpaid, for delivery in January, February, March and April.	25	50	100	500
Anconas; Brown, Buff and White Leghorns	\$3.00	\$5.50	\$10.50	\$50.00
Barred, Buff and White Plymouth Rocks	3.25	6.00	11.50	55.00
Buff Orpingtons and Rhode Island Reds	3.25	6.00	11.50	55.00
Black, Buff and White Minorcas	3.50	6.25	12.00	57.50
Black Giants; Brahmas; Blue Andalusia	3.75	7.00	13.50	65.00
Jersey White Giants	4.25	8.25	16.00	77.50
White and Silver Laced Wyandottes	3.50	6.25	12.00	57.50
Heavy Assorted	2.90	5.40	10.40	49.50



Famous Gro-Mor Brooders

These new chick brooders are large and roomy. They have 40% greater cubic measurements than the leading competitive makes. They give the chicks plenty of head room, more space, more fresh air. Inside measurement, 20x40 inches. 60-chick capacity. Made of heavy fibre board with heavy wire floor that is bolted to sides and ends; electric equipment is superior, including a porcelain receptacle and galvanized circulating drum (but no bulb), 7 feet of cord and plug. The feeders and waterers are large capacity and the feed openings adjustable.

Price, No. C-3624, only \$1.75; by mail, \$2.00.



Galvanized Gro-Mor Brooders

A more durable outfit. The sides and ends are made of galvanized steel. The strong wire floor is welded to the brooder, making a strong rigid outfit. The top is very heavy fibre board which bolts to the rear and to a part of the sides and is hinged for convenience. It has a fully enclosed 40-watt heating element which keeps the chicks warm and comfortable. 75-chick capacity, floor space 24x24 inches with 7 inches of head room, complete with adjustable feeding pan and waterer.

No. C-4624, \$3.50, f. o. b. Memphis.



A Growing Crop of Lespedeza Sericea.



A Sericea Plant.

LESPEDeza SERICEA

The New Perennial Lespedeza

Sericea might almost be called "poor land alfalfa" for it reproduces itself each year from the crown or root like alfalfa, makes a hay much like alfalfa, is a nitrogen gatherer and soil builder like alfalfa. But it has one quality that alfalfa does not have—Sericea will grow on sour or acid soil that has no lime at all; it grows on soils that range from light sands to the very heavy clays.

It will not allow itself to be smothered out by weeds and obnoxious plants, but overcomes them and continues to thrive.

Its root system is tremendous, reaching one to three feet in the soil for nourishment, withstands drought, aids subsoils and breaks up "hard-pan." It does not require lime or fertilizer, but responds to it.

Habits of Growth

All other lespedezas must be allowed to drop a seed crop in order to reproduce. Sericea, on the contrary, you plant one time and the plant comes out from the roots or crown. Sericea grows erect with a few to many stems rising from a crown like alfalfa. Each stem is branched and the plant grows from 3 to 5 feet tall during first year. From six to thirty or more stems will rise from one crown during the second year, and the plant will grow taller; additional stems grow each year until a plant five or six years old may have a hundred stems. The plant is extremely leafy, leaves holding on to the bottom of the stems. In a dense stand, the plant stems are no thicker than a wheat straw, and when cut at the right time, the stems are but little more than those of alfalfa. The stand thickens wherever the plants are allowed to go to seed; seedling plants are able to grow in the midst of a thick growth of almost any kind, and for that reason weeds seldom smother them out.

weeds will not choke it and the next year weeds won't bother, and your stand gets thicker and thicker. Chinese agricultural agents (you know Sericea originated in Asia) report that areas there fifty years old are still going strong for hay and pasture.

Soil Preparation and Seeding

The land should be plowed, disced, harrowed, and rows marked off 2½ to 3 feet apart. Some make a small bed or ridge, then run a cultipacker down it to assure a firm, smooth, compact bed. Others plant flat and we like this method to avoid any possible freezing next winter in a ridge. Use a small seed planter after danger of frost is past, covering not over ¼ inch—very important. Two to three pounds per acre is enough in rows, using hulled and scarified seed.

For broadcast seeding, sow 10 to 15 pounds of hulled and scarified seed in spring after danger of killing frost, or sow in June on cultivated seed bed where weeds have been killed. Sown broadcast in spring, weeds will come up with it and the plants won't get very high first year; however,

Harvesting

The seed crop should be harvested when bulk of seed have turned brown. Seed may then be threshed by use of regular thresher. When you get ready to replant these seed, they should be run through a modern scarifier and cleaner, which hulls, scarifies and cleans them. Hulled and scarified seed show about 90 percent germination where unhulled seed planted in the spring show 10% to 20% growth. Nature drops them in the fall with hulls on them, as well as a hard inner coat, which protects the seed through the winter and they come up the following spring.

Hay Production

After the first year, two cuttings may be safely made, with three cuttings under favorable conditions. The quality of hay is excellent provided cuttings are made when plants are 12 to 15 inches tall, second cuttings are usually better than the first, as from one to six new stems are put out by the plant after the initial cutting. Total yields of 5 tons dried hay per acre per season have been obtained. Dr. C. A. Mooers, director Tenn. Experiment Station says, "The leaves are evidently appetizing from the manner in which all animals seem to relish them. Even poultry like the leaves; bees are found in mighty numbers when the plants are in blossom. Cattle feeders cannot afford to overlook the fact that the plants are 50 percent leaf, especially when results so far show a yield of four tons to two cuttings per acre of thoroughly cured hay".

FOR PRICES ON NEW CROP, RECLEANED, SCARIFIED SERICEA SEED

Strains 12087 and 0430

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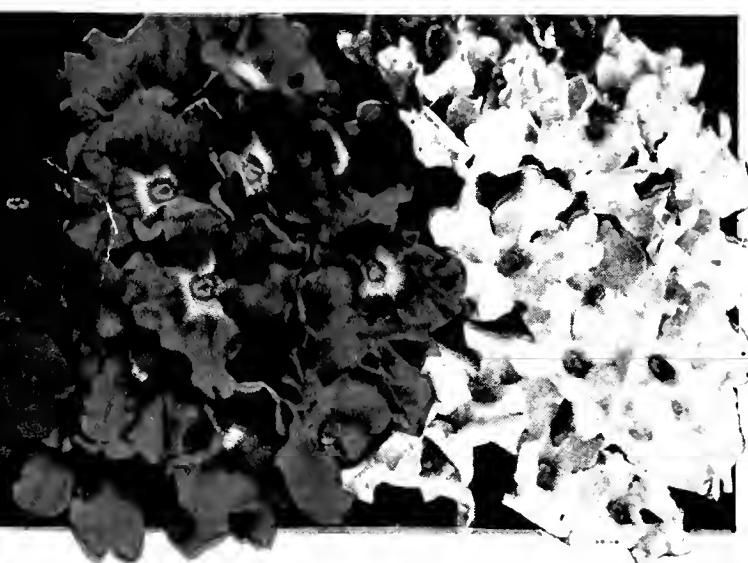
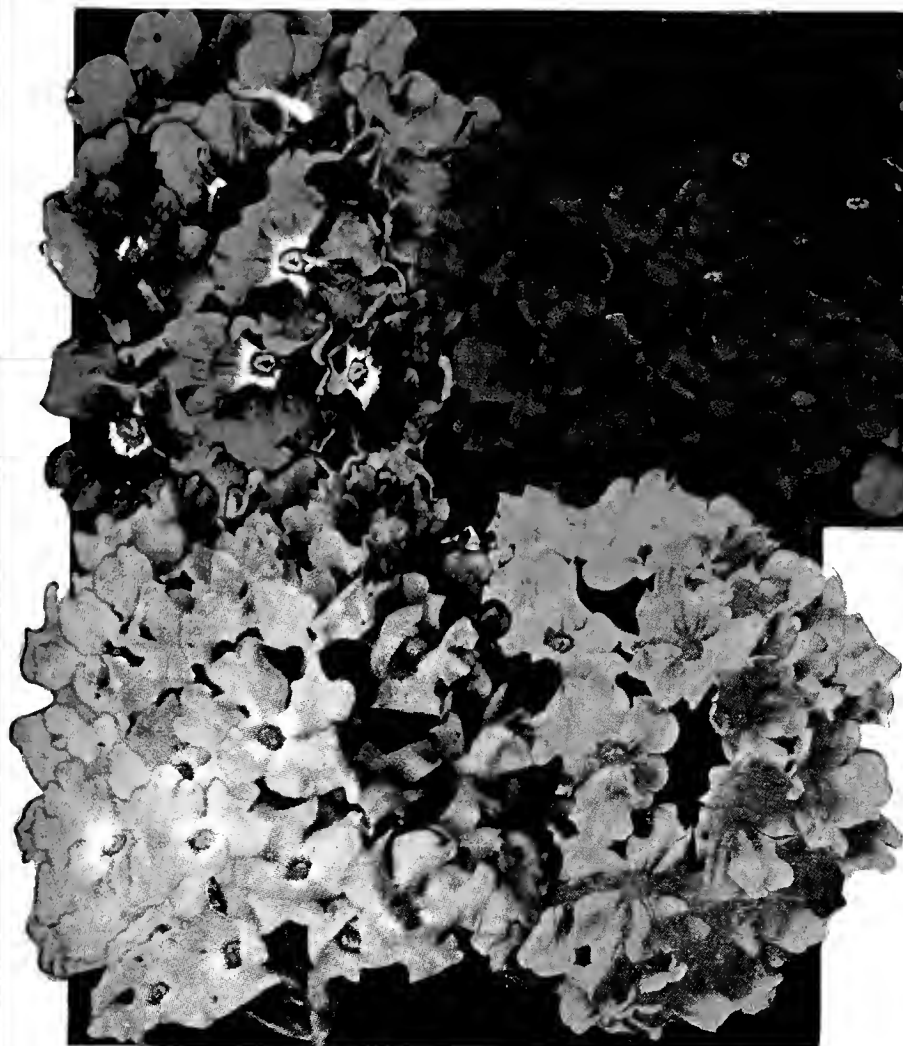
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A beautiful showy flower. Yellow with rich maroon center. Pkt., 10c; 1/4 oz., 25c.



ZINNIA, ELEGANS PUMILA

Golden orange; extra large blooms produced on dwarf bushy plants. Pkt., 10c; 1/4 oz., 30c.

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